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LOS ALAMOS SCIENTIFIC LABORATORY
of the
University of California
LOS ALAMOS • NEW MEXICO

Tables of Para-Hydrogen Data
in Engineering Units from 36° to 5000°R
at Pressures to 5000 PSIA

UNITED STATES
ATOMIC ENERGY COMMISSION
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LOS ALAMOS SCIENTIFIC LABORATORY
of the
University of California
LOS ALAMOS • NEW MEXICO

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by

Otis A. Farmer

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TABLES OF para-HYDROGEN DATA IN ENGINEERING
UNITS FROM 36° TO 5000°R AT PRESSURES TO 5000 PSIA

by
OTIS A. FARMER

ABSTRACT

Tables of thermodynamic-transport and related properties of para-hydrogen are provided in engineering units for the temperature range 36° to 5000°R and the pressure range 13 to 5000 psia.

INTRODUCTION

The TABTP code described in LA-3381 has been used to generate these tables of para-hydrogen properties. LA-3381 gives a complete description of the code and a detailed error analysis on the deviation of these data from the source data.

A report, LA-3405-MS, containing the source data used in the TABTP code has been published. It contains both tables and graphs; however, only a few isobars were printed and the temperature spacing was very large. Since several requests have been made for a much more complete set of tables, this report was compiled to provide a more complete set of data tables that can be used for handy reference. If accuracies of less than 1% are needed, it is sug-

gested that NBS-Monograph 94, or LA-3405-MS, or both be used.

The source data from NBS-Monograph 94 are not readily available at frequencies other than those used in TABTP; therefore, interpolation using the TABTP code was necessary to provide these tables.

REFERENCES

1. Farmer, O. A., T. E. Springer, and B. B. Fisher, Los Alamos Scientific Laboratory report LA-3381, 1965.
2. Farmer, O. A., Los Alamos Scientific Laboratory report LA-3405-MS, 1965.
3. Roder, H. M., Weber, L. A., and Goodwin, R. D., National Bureau of Standards Monograph 94, 1965.

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY 1BTU/ LB-DEG.R	VELOCITY OF SOUND *(10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	13.0	80.90	1.855	2.878	1.3970	7.300	2.129	.624	.915	.429	.843
38.	13.0	86.37	1.834	2.824	1.4421	7.431	2.222	.656	.923	.403	.834
40.	13.0	91.85	1.814	2.770	1.4872	7.563	2.314	.689	.932	.379	.824
42.	13.0	97.30	1.794	2.719	1.5312	7.691	2.407	.721	.940	.358	.815
44.	13.0	102.75	1.774	2.669	1.5752	7.819	2.499	.753	.948	.339	.804
46.	13.0	108.04	1.763	2.645	1.6154	7.933	2.595	.785	.954	.322	.800
48.	13.0	113.33	1.751	2.621	1.6555	8.048	2.691	.816	.959	.307	.795
50.	13.0	118.53	1.743	2.606	1.6923	8.151	2.789	.847	.963	.293	.791
52.	13.0	123.73	1.735	2.591	1.7291	8.255	2.887	.877	.967	.281	.788
54.	13.0	128.89	1.729	2.580	1.7641	8.350	2.986	.907	.970	.270	.784
56.	13.0	134.04	1.723	2.568	1.7991	8.446	3.085	.937	.973	.259	.780
58.	13.0	139.16	1.718	2.560	1.8333	8.534	3.185	.967	.975	.250	.777
60.	13.0	144.27	1.714	2.552	1.8676	8.622	3.284	.996	.978	.241	.774
62.	13.0	149.36	1.710	2.545	1.8996	8.686	3.385	1.025	.979	.233	.771
64.	13.0	154.40	1.709	2.542	1.9310	8.652	3.532	1.054	.981	.225	.758
66.	13.0	159.46	1.706	2.538	1.9613	8.689	3.632	1.082	.982	.218	.756
68.	13.0	164.52	1.703	2.533	1.9917	8.725	3.731	1.109	.984	.211	.753
70.	13.0	169.58	1.700	2.529	2.0221	8.761	3.830	1.137	.985	.205	.751
72.	13.0	174.63	1.697	2.524	2.0524	8.797	3.930	1.165	.986	.199	.748
74.	13.0	179.69	1.694	2.520	2.0828	8.833	4.029	1.192	.987	.193	.746
76.	13.0	184.72	1.692	2.519	2.1138	8.897	4.131	1.218	.988	.188	.743
78.	13.0	189.75	1.690	2.517	2.1338	8.960	4.232	1.245	.989	.183	.740
80.	13.0	194.77	1.688	2.516	2.1658	9.023	4.334	1.271	.990	.178	.738
82.	13.0	199.80	1.686	2.514	2.1948	9.086	4.435	1.297	.991	.174	.735
84.	13.0	204.83	1.683	2.513	2.2229	9.149	4.537	1.323	.991	.170	.733
86.	13.0	209.85	1.681	2.515	2.2477	9.206	4.640	1.349	.992	.166	.731
88.	13.0	214.88	1.678	2.516	2.2725	9.263	4.744	1.374	.992	.162	.729
90.	13.0	219.91	1.676	2.517	2.2974	9.320	4.847	1.399	.993	.158	.726
92.	13.0	224.93	1.674	2.519	2.3223	9.377	4.951	1.424	.993	.155	.724
94.	13.0	229.95	1.671	2.520	2.3472	9.434	5.055	1.449	.994	.151	.722
96.	13.0	235.02	1.668	2.525	2.3703	9.484	5.161	1.473	.994	.148	.721
98.	13.0	240.08	1.665	2.530	2.3935	9.494	5.268	1.497	.994	.145	.719
100.	13.0	245.14	1.661	2.534	2.4155	9.524	5.374	1.521	.995	.142	.717
102.	13.0	250.20	1.658	2.539	2.4337	9.554	5.480	1.545	.995	.139	.716
104.	13.0	255.07	1.656	2.538	2.4655	9.569	5.571	1.570	.996	.136	.715
106.	13.0	260.29	1.651	2.549	2.4833	9.599	5.684	1.593	.996	.134	.714
108.	13.0	265.52	1.646	2.561	2.5021	9.623	5.797	1.615	.996	.131	.714
110.	13.0	270.74	1.641	2.573	2.5203	9.658	5.910	1.637	.996	.129	.713
112.	13.0	275.97	1.636	2.585	2.5385	9.688	6.024	1.660	.996	.127	.712
114.	13.0	281.20	1.631	2.597	2.5568	9.518	6.137	1.682	.996	.124	.712
116.	13.0	286.42	1.626	2.609	2.5750	9.548	6.250	1.704	.997	.122	.711
118.	13.0	291.65	1.620	2.621	2.5933	9.578	6.363	1.726	.997	.120	.711
120.	13.0	296.87	1.615	2.633	2.6115	9.608	6.477	1.749	.997	.118	.711
122.	13.0	302.10	1.610	2.644	2.6297	9.638	6.590	1.771	.997	.116	.711
124.	13.0	307.33	1.605	2.656	2.6480	9.668	6.703	1.793	.997	.114	.711
126.	13.0	312.55	1.600	2.668	2.6662	9.698	6.816	1.816	.998	.112	.711
128.	13.0	317.78	1.595	2.680	2.6844	9.728	6.930	1.838	.998	.111	.711
130.	13.0	323.00	1.590	2.692	2.7027	9.758	7.043	1.860	.998	.109	.711
132.	13.0	328.23	1.584	2.704	2.7209	9.788	7.156	1.883	.998	.107	.711
134.	13.0	333.46	1.579	2.716	2.7392	9.818	7.269	1.905	.998	.106	.712
136.	13.0	338.68	1.574	2.728	2.7574	9.848	7.383	1.927	.998	.104	.712
138.	13.0	344.47	1.568	2.749	2.7705	9.894	7.512	1.947	.998	.103	.713
140.	13.0	350.25	1.562	2.771	2.7835	9.941	7.642	1.967	.999	.101	.713
142.	13.0	356.03	1.556	2.792	2.7965	9.988	7.772	1.988	.999	.100	.714
144.	13.0	361.82	1.549	2.813	2.8097	10.035	7.901	2.006	.999	.098	.715
146.	13.0	367.60	1.543	2.835	2.8228	10.082	8.031	2.026	.999	.097	.716
148.	13.0	373.39	1.537	2.855	2.8359	10.129	8.161	2.046	.999	.096	.717
150.	13.0	379.17	1.531	2.878	2.8490	10.176	8.290	2.066	.999	.094	.718

152.	13.0	384.96	1.525	2.899	2.8621	10.222	8.420	2.088	.999	.093	.719
154.	13.0	390.74	1.518	2.921	2.8751	10.269	8.550	2.108	.999	.092	.720
156.	13.0	396.53	1.512	2.942	2.8882	10.316	8.679	2.128	.999	.091	.721
158.	13.0	402.31	1.506	2.963	2.9013	10.363	8.809	2.148	.999	.089	.723
160.	13.0	408.09	1.500	2.985	2.9144	10.410	8.939	2.169	.999	.088	.724
162.	13.0	413.88	1.493	3.006	2.9275	10.457	9.068	2.189	.999	.087	.726
164.	13.0	419.66	1.487	3.028	2.9406	10.503	9.198	2.209	.999	.086	.727
166.	13.0	425.45	1.481	3.049	2.9537	10.550	9.328	2.229	1.000	.085	.729
168.	13.0	431.23	1.475	3.071	2.9667	10.597	9.457	2.249	1.000	.084	.730
170.	13.0	437.01	1.470	3.093	2.9784	10.674	9.604	2.268	1.000	.083	.730
172.	13.0	444.38	1.465	3.115	2.9901	10.751	9.751	2.286	1.000	.082	.730
174.	13.0	450.95	1.460	3.138	3.0018	10.827	9.898	2.305	1.000	.081	.731
176.	13.0	457.53	1.456	3.160	3.0135	10.904	10.045	2.323	1.000	.080	.731
178.	13.0	464.10	1.451	3.183	3.0252	10.981	10.192	2.342	1.000	.079	.731
180.	13.0	470.68	1.446	3.205	3.0369	11.057	10.339	2.361	1.000	.079	.732
185.	13.0	487.11	1.434	3.261	3.0661	11.249	10.706	2.407	1.000	.076	.733
190.	13.0	503.55	1.422	3.317	3.0953	11.441	11.073	2.453	1.000	.074	.735
195.	13.0	519.98	1.410	3.373	3.1245	11.632	11.440	2.500	1.001	.072	.737
200.	13.0	534.54	1.394	3.471	3.1529	11.727	11.947	2.546	1.001	.071	.740
205.	13.0	553.39	1.371	3.496	3.1841	11.804	12.252	2.589	1.001	.069	.739
210.	13.0	572.24	1.387	3.520	3.2154	11.881	12.556	2.632	1.001	.067	.738
215.	13.0	591.09	1.384	3.544	3.2465	11.957	12.860	2.675	1.001	.066	.737
220.	13.0	609.94	1.381	3.569	3.2778	12.034	13.165	2.718	1.001	.064	.737
225.	13.0	628.78	1.378	3.593	3.3091	12.110	13.469	2.761	1.001	.063	.736
230.	13.0	647.63	1.375	3.617	3.3403	12.187	13.774	2.804	1.001	.061	.736
235.	13.0	666.48	1.372	3.642	3.3715	12.263	14.078	2.847	1.001	.060	.736
240.	13.0	685.33	1.368	3.666	3.4028	12.340	14.382	2.890	1.001	.059	.737
245.	13.0	704.17	1.365	3.691	3.4340	12.416	14.687	2.933	1.001	.058	.737
250.	13.0	723.02	1.362	3.715	3.4652	12.493	14.991	2.976	1.001	.056	.737
255.	13.0	741.87	1.359	3.739	3.4965	12.569	15.296	3.019	1.001	.055	.738
260.	13.0	760.72	1.356	3.764	3.5277	12.646	15.600	3.062	1.001	.054	.739
265.	13.0	779.56	1.353	3.788	3.5589	12.722	15.904	3.105	1.001	.053	.740
270.	13.0	798.41	1.350	3.812	3.5902	12.799	16.209	3.148	1.001	.052	.740
275.	13.0	817.26	1.346	3.837	3.6214	12.875	16.513	3.191	1.001	.051	.741
280.	13.0	836.11	1.343	3.861	3.6527	12.952	16.818	3.234	1.001	.050	.742
285.	13.0	854.95	1.340	3.886	3.6839	13.028	17.122	3.277	1.001	.050	.744
290.	13.0	873.80	1.337	3.910	3.7151	13.105	17.426	3.320	1.001	.049	.745
295.	13.0	892.65	1.334	3.934	3.7464	13.181	17.731	3.363	1.001	.048	.746
300.	13.0	911.50	1.331	3.959	3.7776	13.258	18.035	3.406	1.001	.047	.748
305.	13.0	930.87	1.332	3.949	3.8088	13.313	18.192	3.443	1.001	.046	.747
310.	13.0	950.24	1.333	3.939	3.8395	13.367	18.349	3.481	1.001	.046	.747
315.	13.0	969.61	1.335	3.929	3.8706	13.422	18.506	3.518	1.001	.045	.747
320.	13.0	988.98	1.336	3.919	3.9016	13.477	18.664	3.556	1.001	.044	.747
325.	13.0	1008.36	1.338	3.909	3.9325	13.531	18.821	3.593	1.001	.043	.746
330.	13.0	1027.73	1.339	3.899	3.9635	13.586	18.978	3.630	1.001	.043	.746
335.	13.0	1047.10	1.340	3.889	3.9945	13.641	19.135	3.668	1.001	.042	.745
340.	13.0	1066.47	1.342	3.879	4.0255	13.696	19.292	3.705	1.001	.042	.745
345.	13.0	1085.85	1.343	3.869	4.0565	13.750	19.449	3.742	1.001	.041	.744
350.	13.0	1105.22	1.344	3.859	4.0875	13.805	19.606	3.780	1.001	.040	.744
355.	13.0	1124.59	1.346	3.849	4.1185	13.860	19.764	3.817	1.001	.040	.743
360.	13.0	1143.96	1.347	3.839	4.1495	13.915	19.921	3.854	1.001	.039	.743
365.	13.0	1163.33	1.349	3.829	4.1805	13.969	20.078	3.892	1.001	.039	.742
370.	13.0	1182.71	1.350	3.819	4.2115	14.024	20.235	3.929	1.001	.038	.742
375.	13.0	1202.08	1.351	3.809	4.2425	14.079	20.392	3.967	1.001	.038	.741
380.	13.0	1221.45	1.353	3.799	4.2734	14.133	20.549	4.004	1.001	.037	.740
385.	13.0	1240.82	1.354	3.789	4.3044	14.188	20.706	4.041	1.001	.037	.740
390.	13.0	1260.19	1.355	3.779	4.3354	14.243	20.863	4.079	1.001	.036	.739
395.	13.0	1279.57	1.357	3.770	4.3664	14.298	21.021	4.116	1.001	.036	.738
400.	13.0	1300.94	1.361	3.738	4.4178	14.613	21.414	4.153	1.001	.035	.727
420.	13.0	1372.43	1.364	3.715	4.5135	14.643	22.026	4.285	1.001	.034	.723
440.	13.0	1443.93	1.367	3.695	4.6152	14.668	22.638	4.407	1.001	.032	.719
460.	13.0	1515.42	1.369	3.674	4.7189	14.694	23.249	4.529	1.001	.031	.716

480.	13.0	1566.92	1.372	3.652	4.8215	14.711	23.861	4.650	1.001	.029	.712
500.	13.0	1658.41	1.375	3.631	4.9243	14.744	24.472	4.772	1.001	.028	.708
520.	13.0	1729.91	1.378	3.610	5.0270	14.770	25.084	4.894	1.001	.027	.704
540.	13.0	1801.40	1.381	3.588	5.1297	14.795	25.696	5.016	1.001	.026	.700
560.	13.0	1872.90	1.384	3.567	5.2324	14.821	26.307	5.138	1.001	.025	.697
580.	13.0	1944.39	1.386	3.546	5.3351	14.846	26.919	5.260	1.001	.024	.693
600.	13.0	2015.88	1.389	3.524	5.4378	14.871	27.530	5.382	1.001	.024	.689
620.	13.0	2087.38	1.392	3.503	5.5405	14.897	28.142	5.504	1.001	.023	.685
640.	13.0	2158.87	1.395	3.482	5.6432	14.922	28.754	5.625	1.001	.022	.681
660.	13.0	2229.23	1.396	3.471	5.7344	14.969	29.377	5.741	1.001	.021	.678
680.	13.0	2298.44	1.396	3.471	5.8141	15.039	30.011	5.849	1.001	.021	.677
700.	13.0	2367.65	1.396	3.472	5.8937	15.108	30.645	5.958	1.001	.020	.675
720.	13.0	2436.87	1.396	3.472	5.9734	15.177	31.279	6.066	1.000	.020	.673
740.	13.0	2506.08	1.396	3.472	6.0531	15.247	31.913	6.175	1.000	.019	.672
760.	13.0	2575.29	1.396	3.473	6.1328	15.316	32.547	6.283	1.000	.019	.670
780.	13.0	2644.51	1.396	3.473	6.2125	15.385	33.181	6.392	1.000	.018	.669
800.	13.0	2713.72	1.396	3.473	6.2922	15.454	33.815	6.501	1.000	.018	.668
820.	13.0	2782.93	1.396	3.473	6.3719	15.524	34.449	6.609	1.000	.017	.666
840.	13.0	2852.15	1.396	3.474	6.4515	15.593	35.083	6.718	1.000	.017	.665
860.	13.0	2921.36	1.396	3.474	6.5312	15.662	35.717	6.826	1.000	.016	.664
880.	13.0	2990.57	1.396	3.474	6.6109	15.732	36.351	6.935	1.000	.016	.663
900.	13.0	3059.79	1.396	3.474	6.6906	15.801	36.985	7.043	1.000	.016	.662
920.	13.0	3129.29	1.396	3.474	6.7601	15.872	37.680	7.147	1.000	.015	.659
940.	13.0	3198.80	1.396	3.474	6.8297	15.943	38.375	7.251	1.000	.015	.657
960.	13.0	3268.30	1.396	3.474	6.8992	16.014	39.069	7.355	1.000	.015	.654
980.	13.0	3337.81	1.396	3.474	6.9687	16.085	39.764	7.459	1.000	.014	.652
1000.	13.0	3407.32	1.396	3.474	7.0382	16.156	40.458	7.563	1.000	.014	.649
1050.	13.0	3581.08	1.396	3.474	7.2121	16.333	42.195	7.823	1.000	.013	.644
1100.	13.0	3754.85	1.396	3.474	7.3859	16.511	43.931	8.083	1.000	.013	.639
1150.	13.0	3928.61	1.396	3.474	7.5597	16.688	45.668	8.343	1.000	.012	.635
1200.	13.0	4103.03	1.395	3.481	7.7119	16.823	46.705	8.624	1.000	.012	.643
1250.	13.0	4277.46	1.394	3.487	7.8641	16.958	47.743	8.905	1.000	.011	.650
1300.	13.0	4451.88	1.393	3.494	8.0163	17.093	48.780	9.185	1.000	.011	.658
1350.	13.0	4626.30	1.392	3.501	8.1684	17.228	49.818	9.466	1.000	.010	.665
1400.	13.0	4798.52	1.391	3.504	8.3315	17.375	50.313	9.779	1.000	.010	.681
1450.	13.0	4976.24	1.390	3.514	8.4618	17.481	51.738	10.018	1.000	.010	.680
1500.	13.0	5153.96	1.388	3.525	8.5920	17.587	53.163	10.257	1.000	.009	.680
1550.	13.0	5331.68	1.387	3.535	8.7222	17.694	54.588	10.496	1.000	.009	.680
1600.	13.0	5509.40	1.385	3.545	8.8525	17.800	56.013	10.735	1.000	.009	.679
1650.	13.0	5687.11	1.384	3.556	8.9827	17.906	57.438	10.973	1.000	.009	.679
1700.	13.0	5864.83	1.382	3.566	9.1130	18.012	58.863	11.212	1.000	.008	.679
1750.	13.0	6042.55	1.381	3.576	9.2432	18.119	60.289	11.451	1.000	.008	.679
1800.	13.0	6220.27	1.379	3.587	9.3735	18.225	61.714	11.690	1.000	.008	.679
1850.	13.0	6397.98	1.378	3.597	9.5037	18.331	63.139	11.929	1.000	.008	.680
1900.	13.0	6575.70	1.376	3.607	9.6339	18.437	64.564	12.167	1.000	.007	.680
1950.	13.0	6753.42	1.375	3.617	9.7642	18.544	65.989	12.406	1.000	.007	.680
2000.	13.0	6931.14	1.373	3.628	9.8944	18.650	67.414	12.645	1.000	.007	.680
2050.	13.0	7116.72	1.371	3.642	10.0012	18.730	68.933	12.867	1.000	.007	.680
2100.	13.0	7302.30	1.369	3.657	10.1081	18.810	70.452	13.089	1.000	.007	.679
2150.	13.0	7487.89	1.367	3.672	10.2149	18.890	71.971	13.311	1.000	.007	.679
2200.	13.0	7673.47	1.365	3.686	10.3217	18.970	73.491	13.533	1.000	.006	.679
2250.	13.0	7859.05	1.363	3.701	10.4285	19.050	75.010	13.755	1.000	.006	.679
2300.	13.0	8044.64	1.361	3.715	10.5353	19.130	76.529	13.977	1.000	.006	.679
2350.	13.0	8230.22	1.359	3.730	10.6421	19.211	78.048	14.200	1.000	.006	.679
2400.	13.0	8415.80	1.358	3.744	10.7489	19.291	79.567	14.422	1.000	.006	.679
2450.	13.0	8601.39	1.356	3.759	10.8557	19.371	81.086	14.644	1.000	.006	.679
2500.	13.0	8786.97	1.354	3.774	10.9625	19.451	82.605	14.866	1.000	.006	.679
2550.	13.0	8972.55	1.352	3.788	11.0694	19.531	84.124	15.088	1.000	.006	.679
2600.	13.0	9158.14	1.350	3.803	11.1762	19.611	85.644	15.310	1.000	.005	.680
2650.	13.0	9352.33	1.348	3.818	11.2697	19.678	87.233	15.522	1.000	.005	.679
2700.	13.0	9546.51	1.346	3.833	11.3633	19.745	88.822	15.734	1.000	.005	.679
2750.	13.0	9740.70	1.345	3.848	11.4569	19.812	90.411	15.946	1.000	.005	.679

2800.	13.0	9934.89	1.343	3.863	11.5535	19.879	92.001	16.158	1.000	.005	.678
2850.	13.0	10129.08	1.341	3.878	11.6440	19.946	93.590	16.370	1.000	.005	.678
2900.	13.0	10323.26	1.339	3.893	11.7375	20.013	95.179	16.581	1.000	.005	.678
2950.	13.0	10517.45	1.338	3.908	11.8312	20.081	96.768	16.793	1.000	.005	.678
3000.	13.0	10711.64	1.336	3.923	11.9247	20.148	98.358	17.005	1.000	.005	.678
3050.	13.0	10905.83	1.334	3.938	12.0183	20.215	99.947	17.217	1.000	.005	.678
3100.	13.0	11100.01	1.332	3.953	12.1119	20.282	101.536	17.429	1.000	.005	.679
3150.	13.0	11294.20	1.331	3.968	12.2055	20.349	103.126	17.641	1.000	.004	.679
3200.	13.0	11488.39	1.329	3.983	12.2990	20.416	104.715	17.853	1.000	.004	.679
3250.	13.0	11696.07	1.326	4.013	12.3736	20.475	107.109	18.057	1.000	.004	.677
3300.	13.0	11903.76	1.324	4.044	12.4581	20.534	109.503	18.261	1.000	.004	.674
3350.	13.0	12111.44	1.322	4.074	12.5377	20.593	111.897	18.465	1.000	.004	.672
3400.	13.0	12319.13	1.319	4.105	12.6173	20.652	114.291	18.669	1.000	.004	.670
3450.	13.0	12526.81	1.317	4.135	12.6968	20.711	116.685	18.873	1.000	.004	.669
3500.	13.0	12734.50	1.315	4.165	12.7764	20.770	119.079	19.077	1.000	.004	.667
3550.	13.0	12942.18	1.312	4.196	12.8559	20.829	121.473	19.282	1.000	.004	.666
3600.	13.0	13149.87	1.310	4.226	12.9355	20.888	123.867	19.486	1.000	.004	.665
3650.	13.0	13357.55	1.307	4.256	13.0150	20.948	126.261	19.690	1.000	.004	.664
3700.	13.0	13565.24	1.305	4.287	13.0945	21.007	128.655	19.894	1.000	.004	.663
3750.	13.0	13772.92	1.303	4.317	13.1741	21.065	131.049	20.098	1.000	.004	.662
3800.	13.0	13984.42	1.297	4.393	13.2376	21.370	135.385	20.300	1.001	.004	.659
3850.	13.0	14226.78	1.294	4.468	13.3033	21.428	140.221	20.500	1.001	.004	.653
3900.	13.0	14459.15	1.290	4.544	13.3689	21.486	145.057	20.700	1.001	.004	.648
3950.	13.0	14691.51	1.286	4.619	13.4345	21.545	149.892	20.900	1.001	.004	.644
4000.	13.0	14923.88	1.283	4.695	13.5003	21.603	154.728	21.100	1.001	.004	.640
4050.	13.0	15156.24	1.279	4.771	13.5659	21.661	159.564	21.300	1.001	.003	.637
4100.	13.0	15388.61	1.275	4.846	13.6316	21.720	164.400	21.499	1.001	.003	.634
4150.	13.0	15620.97	1.271	4.922	13.6973	21.778	169.235	21.699	1.002	.003	.631
4200.	13.0	15853.34	1.268	4.997	13.7629	21.836	174.071	21.899	1.002	.003	.629
4250.	13.0	16128.69	1.263	5.144	13.8211	21.899	183.127	22.097	1.002	.003	.621
4300.	13.0	16404.03	1.259	5.290	13.8794	21.962	192.183	22.295	1.002	.003	.614
4350.	13.0	16679.38	1.255	5.436	13.9376	22.025	201.239	22.493	1.003	.003	.608
4400.	13.0	16954.73	1.251	5.583	13.9958	22.087	210.295	22.690	1.003	.003	.602
4450.	13.0	17230.08	1.247	5.729	14.0540	22.150	219.351	22.888	1.004	.003	.598
4500.	13.0	17505.42	1.243	5.875	14.1122	22.213	228.407	23.086	1.004	.003	.594
4550.	13.0	17780.77	1.239	6.021	14.1704	22.276	237.464	23.284	1.004	.003	.590
4600.	13.0	18056.12	1.234	6.168	14.2286	22.338	246.520	23.481	1.005	.003	.587
4650.	13.0	18416.04	1.231	6.427	14.2903	22.413	252.888	23.679	1.005	.003	.579
4700.	13.0	18775.96	1.228	6.687	14.3520	22.488	279.256	23.878	1.006	.003	.572
4750.	13.0	19135.88	1.225	6.946	14.4137	22.563	295.624	24.076	1.007	.003	.566
4800.	13.0	19495.80	1.222	7.205	14.4754	22.638	311.992	24.274	1.008	.003	.561
4850.	13.0	19855.72	1.219	7.465	14.5371	22.713	328.360	24.472	1.009	.003	.556
4900.	13.0	20215.64	1.216	7.724	14.5989	22.787	344.728	24.670	1.010	.003	.553
4950.	13.0	20575.56	1.213	7.984	14.6606	22.862	361.096	24.868	1.010	.003	.550
5000.	13.0	20935.48	1.210	8.243	14.7223	22.937	377.464	25.066	1.011	.003	.547

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTUR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	14.7	-111.27	1.663	2.270	4.3398	1.876	15.316	7.651	.017	25.580	1.134
38.	14.7	85.41	1.858	2.874	1.4344	7.320	2.257	.658	.913	.460	.838
40.	14.7	90.95	1.834	2.813	1.4802	7.453	2.347	.691	.923	.433	.828
42.	14.7	96.48	1.811	2.755	1.5252	7.583	2.437	.723	.932	.408	.817
44.	14.7	102.00	1.789	2.697	1.5701	7.713	2.526	.755	.941	.386	.806
46.	14.7	107.34	1.775	2.669	1.6108	7.829	2.621	.786	.948	.366	.801
48.	14.7	112.69	1.762	2.642	1.6516	7.945	2.715	.818	.954	.349	.795
50.	14.7	117.92	1.753	2.625	1.6886	8.049	2.812	.848	.958	.333	.792
52.	14.7	123.16	1.744	2.608	1.7256	8.154	2.910	.879	.963	.319	.788
54.	14.7	128.35	1.737	2.595	1.7610	8.250	3.008	.909	.966	.306	.784
56.	14.7	133.53	1.730	2.582	1.7964	8.346	3.105	.939	.969	.294	.780
58.	14.7	138.67	1.725	2.573	1.8308	8.434	3.204	.968	.972	.283	.777
60.	14.7	143.82	1.720	2.563	1.8651	8.523	3.303	.997	.975	.273	.774
62.	14.7	148.92	1.716	2.556	1.8974	8.591	3.403	1.026	.977	.264	.771
64.	14.7	153.98	1.714	2.553	1.9291	8.590	3.552	1.055	.979	.255	.758
66.	14.7	159.05	1.711	2.548	1.9596	8.629	3.650	1.083	.980	.247	.756
68.	14.7	164.13	1.708	2.542	1.9901	8.668	3.749	1.110	.981	.239	.753
70.	14.7	169.20	1.705	2.537	2.0206	8.706	3.848	1.138	.983	.232	.750
72.	14.7	174.28	1.701	2.532	2.0511	8.745	3.946	1.166	.984	.225	.748
74.	14.7	179.35	1.698	2.527	2.0816	8.783	4.045	1.193	.986	.219	.745
76.	14.7	184.39	1.696	2.525	2.1097	8.847	4.146	1.219	.987	.213	.743
78.	14.7	189.43	1.693	2.524	2.1378	8.910	4.247	1.246	.988	.207	.740
80.	14.7	194.47	1.691	2.522	2.1658	8.974	4.348	1.272	.988	.202	.738
82.	14.7	199.51	1.689	2.520	2.1939	9.037	4.449	1.298	.989	.197	.735
84.	14.7	204.55	1.686	2.518	2.2220	9.100	4.550	1.324	.990	.192	.733
86.	14.7	209.58	1.684	2.519	2.2469	9.157	4.653	1.349	.991	.187	.731
88.	14.7	214.62	1.681	2.521	2.2719	9.214	4.757	1.375	.991	.183	.728
90.	14.7	219.65	1.678	2.522	2.2968	9.271	4.860	1.400	.992	.179	.726
92.	14.7	224.69	1.676	2.523	2.3218	9.328	4.963	1.425	.992	.175	.724
94.	14.7	229.73	1.673	2.524	2.3468	9.385	5.067	1.450	.993	.171	.722
96.	14.7	234.79	1.670	2.525	2.3699	9.417	5.173	1.474	.993	.168	.720
98.	14.7	239.86	1.667	2.533	2.3931	9.448	5.279	1.498	.994	.164	.719
100.	14.7	244.93	1.663	2.538	2.4162	9.479	5.385	1.522	.994	.161	.717
102.	14.7	250.00	1.660	2.542	2.4394	9.510	5.491	1.546	.994	.157	.716
104.	14.7	254.87	1.658	2.541	2.4654	9.540	5.583	1.571	.995	.154	.715
106.	14.7	260.10	1.653	2.552	2.4837	9.570	5.696	1.593	.995	.151	.714
108.	14.7	265.33	1.648	2.564	2.5019	9.600	5.809	1.616	.995	.149	.713
110.	14.7	270.56	1.643	2.576	2.5202	9.630	5.922	1.638	.996	.146	.713
112.	14.7	275.79	1.637	2.588	2.5385	9.661	6.035	1.660	.996	.143	.712
114.	14.7	281.02	1.632	2.600	2.5567	9.691	6.148	1.683	.996	.141	.711
116.	14.7	286.25	1.627	2.611	2.5750	9.721	6.261	1.705	.996	.138	.711
118.	14.7	291.48	1.622	2.623	2.5932	9.752	6.374	1.727	.996	.136	.711
120.	14.7	296.71	1.617	2.635	2.6115	9.782	6.487	1.749	.997	.134	.711
122.	14.7	301.94	1.611	2.647	2.6297	9.812	6.600	1.772	.997	.131	.711
124.	14.7	307.17	1.606	2.659	2.6480	9.843	6.713	1.794	.997	.129	.710
126.	14.7	312.40	1.601	2.670	2.6663	9.873	6.826	1.816	.997	.127	.711
128.	14.7	317.63	1.596	2.682	2.6845	9.903	6.939	1.839	.997	.125	.711
130.	14.7	322.86	1.591	2.694	2.7028	9.933	7.052	1.861	.998	.123	.711
132.	14.7	328.09	1.585	2.706	2.7210	9.964	7.165	1.883	.998	.121	.711
134.	14.7	333.32	1.580	2.717	2.7393	9.994	7.278	1.906	.998	.119	.711
136.	14.7	338.55	1.575	2.729	2.7575	9.824	7.391	1.928	.998	.118	.712
138.	14.7	344.34	1.569	2.751	2.7705	9.871	7.521	1.948	.998	.116	.712
140.	14.7	350.13	1.563	2.772	2.7837	9.918	7.650	1.968	.998	.114	.713
142.	14.7	355.92	1.556	2.793	2.7963	9.964	7.780	1.988	.998	.113	.714
144.	14.7	361.70	1.550	2.815	2.8099	10.011	7.910	2.006	.999	.111	.715
146.	14.7	367.49	1.544	2.836	2.8230	10.058	8.039	2.028	.999	.110	.716
148.	14.7	373.28	1.538	2.858	2.8361	10.104	8.169	2.048	.999	.108	.717
150.	14.7	379.06	1.531	2.879	2.8492	10.151	8.298	2.069	.999	.107	.718

152.	14.7	384.85	1.525	2.900	2.8623	19.193	8.428	2.089	.999	.105	.719
154.	14.7	390.64	1.519	2.922	2.8754	10.244	8.557	2.109	.999	.104	.720
156.	14.7	396.42	1.513	2.943	2.8885	10.291	8.687	2.129	.999	.102	.721
158.	14.7	402.21	1.506	2.965	2.9016	10.338	8.817	2.149	.999	.101	.723
160.	14.7	408.00	1.500	2.986	2.9147	10.384	8.946	2.169	.999	.100	.724
162.	14.7	413.78	1.494	3.007	2.9278	10.431	9.076	2.189	.999	.099	.725
164.	14.7	419.57	1.488	3.029	2.9408	10.478	9.205	2.209	.999	.097	.727
166.	14.7	425.36	1.482	3.050	2.9539	10.524	9.335	2.229	.999	.096	.728
168.	14.7	431.14	1.475	3.072	2.9670	10.571	9.464	2.250	1.000	.095	.730
170.	14.7	437.72	1.470	3.094	2.9787	10.647	9.611	2.268	1.000	.094	.730
172.	14.7	444.30	1.466	3.116	2.9904	10.722	9.758	2.287	1.000	.093	.730
174.	14.7	450.87	1.461	3.139	3.0021	10.798	9.904	2.305	1.000	.092	.731
176.	14.7	457.45	1.456	3.161	3.0138	10.874	10.051	2.324	1.000	.091	.731
178.	14.7	464.02	1.451	3.183	3.0255	10.950	10.198	2.342	1.000	.090	.731
180.	14.7	470.60	1.446	3.206	3.0372	11.025	10.345	2.361	1.000	.089	.732
185.	14.7	487.04	1.434	3.262	3.0664	11.215	10.711	2.407	1.000	.086	.733
190.	14.7	503.48	1.422	3.318	3.0956	11.404	11.078	2.454	1.000	.084	.735
195.	14.7	519.92	1.410	3.374	3.1248	11.593	11.445	2.500	1.001	.082	.737
200.	14.7	534.49	1.394	3.472	3.1532	11.689	11.952	2.546	1.001	.080	.740
205.	14.7	553.34	1.391	3.496	3.1844	11.765	12.256	2.589	1.001	.078	.739
210.	14.7	572.19	1.388	3.521	3.2157	11.842	12.550	2.632	1.001	.076	.738
215.	14.7	591.04	1.384	3.545	3.2469	11.918	12.865	2.675	1.001	.074	.737
220.	14.7	609.88	1.381	3.569	3.2782	11.995	13.169	2.718	1.001	.073	.737
225.	14.7	628.73	1.378	3.594	3.3094	12.071	13.473	2.761	1.001	.071	.736
230.	14.7	647.58	1.375	3.618	3.3406	12.148	13.777	2.804	1.001	.069	.736
235.	14.7	666.43	1.372	3.642	3.3719	12.224	14.082	2.847	1.001	.068	.736
240.	14.7	685.28	1.369	3.667	3.4031	12.301	14.386	2.890	1.001	.067	.737
245.	14.7	704.13	1.365	3.691	3.4344	12.378	14.690	2.933	1.001	.065	.737
250.	14.7	722.98	1.362	3.715	3.4656	12.454	14.995	2.976	1.001	.064	.737
255.	14.7	741.83	1.359	3.740	3.4968	12.531	15.299	3.019	1.001	.063	.738
260.	14.7	760.68	1.356	3.764	3.5281	12.607	15.603	3.062	1.001	.061	.739
265.	14.7	779.53	1.353	3.788	3.5593	12.684	15.908	3.105	1.001	.060	.740
270.	14.7	798.38	1.350	3.813	3.5905	12.760	16.212	3.148	1.001	.059	.740
275.	14.7	817.23	1.346	3.837	3.6218	12.837	16.516	3.191	1.001	.058	.741
280.	14.7	836.08	1.343	3.862	3.6530	12.913	16.820	3.234	1.001	.057	.742
285.	14.7	854.93	1.340	3.886	3.6843	12.990	17.125	3.277	1.001	.056	.744
290.	14.7	873.78	1.337	3.910	3.7155	13.066	17.429	3.320	1.001	.055	.745
295.	14.7	892.63	1.334	3.935	3.7467	13.143	17.733	3.363	1.001	.054	.746
300.	14.7	911.48	1.331	3.959	3.7780	13.219	18.038	3.406	1.001	.053	.748
305.	14.7	930.86	1.332	3.949	3.8090	13.274	18.195	3.444	1.001	.052	.747
310.	14.7	950.23	1.333	3.939	3.8400	13.329	18.352	3.481	1.001	.051	.747
315.	14.7	969.60	1.335	3.929	3.8710	13.384	18.509	3.518	1.001	.051	.747
320.	14.7	988.97	1.336	3.919	3.9019	13.438	18.666	3.556	1.001	.050	.747
325.	14.7	1008.35	1.338	3.909	3.9329	13.493	18.823	3.593	1.001	.049	.746
330.	14.7	1027.72	1.339	3.899	3.9639	13.548	18.980	3.630	1.001	.048	.746
335.	14.7	1047.09	1.340	3.889	3.9949	13.602	19.137	3.668	1.001	.048	.745
340.	14.7	1066.47	1.342	3.879	4.0259	13.657	19.294	3.705	1.001	.047	.745
345.	14.7	1085.84	1.343	3.869	4.0569	13.712	19.451	3.742	1.001	.046	.744
350.	14.7	1105.21	1.344	3.859	4.0879	13.767	19.608	3.780	1.001	.046	.744
355.	14.7	1124.59	1.346	3.849	4.1189	13.821	19.765	3.817	1.001	.045	.743
360.	14.7	1143.96	1.347	3.839	4.1499	13.876	19.923	3.855	1.001	.044	.743
365.	14.7	1163.33	1.349	3.829	4.1809	13.931	20.080	3.892	1.001	.044	.742
370.	14.7	1182.71	1.350	3.819	4.2119	13.986	20.237	3.929	1.001	.043	.742
375.	14.7	1202.08	1.351	3.810	4.2429	14.040	20.394	3.967	1.001	.043	.741
380.	14.7	1221.45	1.353	3.800	4.2738	14.095	20.551	4.004	1.001	.042	.740
385.	14.7	1240.82	1.354	3.790	4.3048	14.150	20.708	4.041	1.001	.041	.740
390.	14.7	1260.20	1.356	3.780	4.3358	14.204	20.865	4.079	1.001	.041	.739
395.	14.7	1279.57	1.357	3.770	4.3668	14.259	21.022	4.116	1.001	.040	.738
400.	14.7	1300.94	1.361	3.738	4.4112	14.574	21.416	4.163	1.001	.040	.727
420.	14.7	1372.44	1.364	3.717	4.5139	14.602	22.027	4.285	1.001	.038	.723
440.	14.7	1443.94	1.367	3.695	4.6166	14.630	22.639	4.407	1.001	.036	.719
460.	14.7	1515.43	1.369	3.674	4.7193	14.658	23.251	4.529	1.001	.035	.716

480.	14.7	1580.93	1.372	3.653	4.8222	14.686	23.862	4.651	1.001	.033	.712
500.	14.7	1058.43	1.375	3.631	4.9247	14.714	24.474	4.772	1.001	.032	.708
520.	14.7	1729.92	1.378	3.610	5.0274	14.742	25.080	4.894	1.001	.031	.704
540.	14.7	1801.42	1.381	3.588	5.1301	14.770	25.697	5.016	1.001	.030	.700
560.	14.7	1872.92	1.384	3.567	5.2328	14.798	26.309	5.138	1.001	.029	.697
580.	14.7	1944.41	1.387	3.546	5.3355	14.826	26.921	5.260	1.001	.028	.693
600.	14.7	2015.91	1.389	3.524	5.4382	14.854	27.532	5.382	1.001	.027	.689
620.	14.7	2087.41	1.392	3.503	5.5409	14.882	28.144	5.504	1.001	.026	.685
640.	14.7	2158.90	1.395	3.482	5.6436	14.910	28.756	5.626	1.001	.025	.681
660.	14.7	2229.26	1.396	3.471	5.7347	14.939	29.379	5.741	1.001	.024	.678
680.	14.7	2298.47	1.396	3.471	5.8144	15.029	30.013	5.849	1.001	.023	.677
700.	14.7	2367.68	1.396	3.472	5.8941	15.093	30.647	5.958	1.001	.023	.675
720.	14.7	2436.90	1.396	3.472	5.9738	15.168	31.281	6.067	1.001	.022	.673
740.	14.7	2506.11	1.396	3.472	6.0535	15.233	31.915	6.175	1.001	.022	.672
760.	14.7	2575.33	1.396	3.473	6.1332	15.308	32.549	6.284	1.001	.021	.670
780.	14.7	2644.54	1.396	3.473	6.2128	15.377	33.183	6.392	1.000	.020	.669
800.	14.7	2713.75	1.396	3.473	6.2925	15.447	33.817	6.501	1.000	.020	.668
820.	14.7	2782.97	1.396	3.473	6.3722	15.517	34.451	6.609	1.000	.019	.666
840.	14.7	2852.18	1.396	3.474	6.4519	15.587	35.085	6.718	1.000	.019	.665
860.	14.7	2921.40	1.396	3.474	6.5316	15.656	35.719	6.827	1.000	.019	.664
880.	14.7	2990.61	1.396	3.474	6.6112	15.726	36.353	6.935	1.000	.018	.663
900.	14.7	3059.82	1.396	3.474	6.6909	15.796	36.988	7.044	1.000	.018	.662
920.	14.7	3129.33	1.396	3.474	6.7704	15.867	37.622	7.148	1.000	.017	.659
940.	14.7	3198.84	1.396	3.474	6.8500	15.938	38.257	7.252	1.000	.017	.657
960.	14.7	3268.34	1.396	3.474	6.9295	16.008	38.891	7.356	1.000	.017	.654
980.	14.7	3337.85	1.396	3.474	7.0090	16.079	39.526	7.460	1.000	.016	.652
1000.	14.7	3407.36	1.396	3.474	7.0885	16.150	40.161	7.564	1.000	.016	.649
1050.	14.7	3581.12	1.396	3.474	7.2124	16.327	42.197	7.824	1.000	.015	.644
1100.	14.7	3754.89	1.396	3.474	7.3862	16.505	43.933	8.084	1.000	.015	.639
1150.	14.7	3928.65	1.396	3.474	7.5600	16.682	45.670	8.344	1.000	.014	.635
1200.	14.7	4103.08	1.395	3.481	7.7122	16.817	46.707	8.624	1.000	.013	.643
1250.	14.7	4277.50	1.394	3.487	7.8643	16.952	47.744	8.905	1.000	.013	.650
1300.	14.7	4451.92	1.393	3.494	8.0165	17.087	48.782	9.185	1.000	.012	.658
1350.	14.7	4626.34	1.392	3.501	8.1687	17.222	49.819	9.466	1.000	.012	.665
1400.	14.7	4798.57	1.391	3.504	8.3318	17.369	50.856	9.749	1.000	.011	.681
1450.	14.7	4976.29	1.390	3.514	8.4620	17.475	51.738	10.018	1.000	.011	.680
1500.	14.7	5154.00	1.388	3.525	8.5922	17.581	52.613	10.257	1.000	.011	.680
1550.	14.7	5331.72	1.387	3.535	8.7225	17.688	53.488	10.496	1.000	.010	.680
1600.	14.7	5509.44	1.385	3.545	8.8527	17.794	54.363	10.735	1.000	.010	.679
1650.	14.7	5687.16	1.384	3.556	8.9829	17.900	55.238	10.973	1.000	.010	.679
1700.	14.7	5864.87	1.382	3.566	9.1132	18.006	56.113	11.212	1.000	.009	.679
1750.	14.7	6042.59	1.381	3.576	9.2434	18.113	56.988	11.451	1.000	.009	.679
1800.	14.7	6220.31	1.379	3.587	9.3737	18.219	57.863	11.690	1.000	.009	.679
1850.	14.7	6398.03	1.378	3.597	9.5039	18.325	58.738	11.929	1.000	.009	.680
1900.	14.7	6575.75	1.376	3.607	9.6341	18.431	59.613	12.167	1.000	.008	.680
1950.	14.7	6753.46	1.375	3.617	9.7644	18.538	60.488	12.406	1.000	.008	.680
2000.	14.7	6931.18	1.373	3.628	9.8946	18.644	61.363	12.645	1.000	.008	.680
2050.	14.7	7116.77	1.371	3.642	10.0014	18.724	62.238	12.884	1.000	.008	.680
2100.	14.7	7302.35	1.369	3.657	10.1082	18.804	63.113	13.089	1.000	.008	.679
2150.	14.7	7487.93	1.367	3.672	10.2150	18.884	63.988	13.311	1.000	.007	.679
2200.	14.7	7673.52	1.365	3.686	10.3219	18.964	64.863	13.533	1.000	.007	.679
2250.	14.7	7859.10	1.363	3.701	10.4287	19.044	65.738	13.755	1.000	.007	.679
2300.	14.7	8044.68	1.361	3.715	10.5355	19.124	66.613	13.977	1.000	.007	.679
2350.	14.7	8230.27	1.359	3.730	10.6423	19.205	67.488	14.200	1.000	.007	.679
2400.	14.7	8415.85	1.358	3.744	10.7491	19.285	68.363	14.422	1.000	.007	.679
2450.	14.7	8601.43	1.356	3.759	10.8559	19.365	69.238	14.644	1.000	.007	.679
2500.	14.7	8787.02	1.354	3.774	10.9627	19.445	70.113	14.866	1.000	.006	.679
2550.	14.7	8972.60	1.352	3.788	11.0695	19.525	70.988	15.088	1.000	.006	.679
2600.	14.7	9158.18	1.350	3.803	11.1763	19.605	71.863	15.310	1.000	.006	.680
2650.	14.7	9352.37	1.348	3.818	11.2831	19.679	72.738	15.522	1.000	.006	.679
2700.	14.7	9546.56	1.346	3.833	11.3899	19.759	73.613	15.734	1.000	.006	.679
2750.	14.7	9740.75	1.345	3.846	11.4967	19.839	74.488	15.946	1.000	.006	.679

2800.	14.7	9934.94	1.343	3.863	11.5535	19.873	92.000	16.158	1.000	.006	.678
2850.	14.7	10129.12	1.341	3.878	11.6442	19.940	93.590	16.370	1.000	.006	.678
2900.	14.7	10323.31	1.339	3.893	11.7377	20.007	95.179	16.581	1.000	.006	.678
2950.	14.7	10517.50	1.338	3.908	11.8313	20.075	96.768	16.793	1.000	.005	.678
3000.	14.7	10711.69	1.336	3.923	11.9249	20.142	98.357	17.005	1.000	.005	.678
3050.	14.7	10905.88	1.334	3.938	12.0185	20.209	99.946	17.217	1.000	.005	.678
3100.	14.7	11100.06	1.332	3.953	12.1120	20.276	101.536	17.429	1.000	.005	.679
3150.	14.7	11294.25	1.331	3.968	12.2056	20.343	103.125	17.641	1.000	.005	.679
3200.	14.7	11488.44	1.329	3.983	12.2992	20.410	104.714	17.853	1.000	.005	.679
3250.	14.7	11696.12	1.326	4.013	12.3787	20.469	107.107	18.057	1.000	.005	.677
3300.	14.7	11903.79	1.324	4.044	12.4583	20.528	109.500	18.261	1.000	.005	.674
3350.	14.7	12111.47	1.322	4.074	12.5379	20.587	111.893	18.465	1.000	.005	.672
3400.	14.7	12319.15	1.319	4.104	12.6174	20.646	114.285	18.669	1.000	.005	.670
3450.	14.7	12526.82	1.317	4.135	12.6970	20.705	116.678	18.873	1.000	.005	.669
3500.	14.7	12734.50	1.315	4.165	12.7765	20.764	119.071	19.077	1.000	.005	.667
3550.	14.7	12942.18	1.312	4.196	12.8561	20.823	121.464	19.282	1.000	.004	.666
3600.	14.7	13149.85	1.310	4.226	12.9357	20.882	123.857	19.486	1.000	.004	.665
3650.	14.7	13357.53	1.307	4.256	13.0152	20.942	126.249	19.690	1.000	.004	.664
3700.	14.7	13565.21	1.305	4.287	13.0948	21.001	128.642	19.894	1.000	.004	.663
3750.	14.7	13772.88	1.303	4.317	13.1743	21.060	131.035	20.098	1.000	.004	.662
3800.	14.7	13995.00	1.297	4.395	13.2372	21.380	135.471	20.300	1.001	.004	.659
3850.	14.7	14227.54	1.294	4.471	13.3023	21.439	140.329	20.500	1.001	.004	.653
3900.	14.7	14460.08	1.290	4.547	13.3684	21.497	145.187	20.700	1.001	.004	.648
3950.	14.7	14692.63	1.286	4.623	13.4339	21.555	150.046	20.900	1.001	.004	.644
4000.	14.7	14925.17	1.282	4.699	13.4995	21.614	154.904	21.100	1.001	.004	.640
4050.	14.7	15157.71	1.279	4.775	13.5651	21.672	159.762	21.300	1.001	.004	.637
4100.	14.7	15390.25	1.275	4.851	13.6307	21.730	164.621	21.499	1.001	.004	.634
4150.	14.7	15622.80	1.271	4.927	13.6963	21.789	169.479	21.699	1.002	.004	.631
4200.	14.7	15855.34	1.267	5.003	13.7619	21.847	174.337	21.899	1.002	.004	.628
4250.	14.7	16131.13	1.263	5.150	13.8201	21.910	183.445	22.097	1.002	.004	.620
4300.	14.7	16406.91	1.259	5.297	13.8782	21.973	192.552	22.295	1.003	.004	.613
4350.	14.7	16682.69	1.255	5.445	13.9364	22.036	201.660	22.493	1.003	.004	.607
4400.	14.7	16958.48	1.251	5.592	13.9946	22.099	210.767	22.690	1.003	.004	.602
4450.	14.7	17234.26	1.247	5.739	14.0527	22.162	219.874	22.888	1.004	.004	.597
4500.	14.7	17510.05	1.242	5.886	14.1109	22.225	228.982	23.086	1.004	.004	.593
4550.	14.7	17785.83	1.238	6.034	14.1691	22.287	238.089	23.284	1.005	.003	.590
4600.	14.7	18061.62	1.234	6.181	14.2272	22.350	247.197	23.481	1.005	.003	.587
4650.	14.7	18422.54	1.231	6.442	14.2890	22.425	263.664	23.680	1.006	.003	.579
4700.	14.7	18783.46	1.228	6.703	14.3508	22.500	280.132	23.878	1.007	.003	.571
4750.	14.7	19144.38	1.225	6.964	14.4126	22.575	296.599	24.076	1.008	.003	.565
4800.	14.7	19505.30	1.222	7.225	14.4744	22.650	313.066	24.274	1.008	.003	.560
4850.	14.7	19866.22	1.219	7.487	14.5362	22.725	329.534	24.472	1.009	.003	.556
4900.	14.7	20227.14	1.215	7.748	14.5980	22.800	346.001	24.670	1.010	.003	.552
4950.	14.7	20588.06	1.212	8.009	14.6597	22.875	352.469	24.868	1.011	.003	.549
5000.	14.7	20948.98	1.209	8.270	14.7215	22.950	378.936	25.067	1.012	.003	.547

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT (LB/CO.IN)	DENSITY *(10)**4 (LB/CO.IN)	PRANDTL NUMBER
									R=9200		
36.	20.0	-111.13	1.661	2.266	4.3474	1.874	15.326	7.669	.024	25.669	1.134
38.	20.0	-106.26	1.756	2.447	4.2190	2.002	15.160	7.053	.023	24.961	1.138
40.	20.0	88.16	1.897	2.948	1.4595	7.111	2.448	.697	.894	.608	.839
42.	20.0	93.92	1.866	2.866	1.5063	7.247	2.530	.728	.907	.571	.825
44.	20.0	99.67	1.834	2.783	1.5540	7.384	2.613	.760	.920	.537	.810
46.	20.0	105.17	1.816	2.745	1.5967	7.504	2.702	.791	.928	.509	.804
48.	20.0	110.67	1.798	2.707	1.6393	7.624	2.792	.822	.937	.483	.797
50.	20.0	116.02	1.785	2.684	1.6771	7.731	2.886	.853	.943	.461	.793
52.	20.0	121.37	1.773	2.662	1.7147	7.838	2.980	.883	.949	.441	.789
54.	20.0	126.66	1.763	2.643	1.7514	7.936	3.075	.913	.954	.422	.785
56.	20.0	131.94	1.753	2.625	1.7879	8.033	3.170	.943	.958	.405	.781
58.	20.0	137.16	1.747	2.612	1.8227	8.123	3.266	.972	.962	.390	.777
60.	20.0	142.38	1.740	2.599	1.8575	8.213	3.363	1.001	.965	.375	.774
62.	20.0	147.55	1.734	2.589	1.8907	8.294	3.461	1.030	.968	.362	.770
64.	20.0	152.64	1.732	2.586	1.9233	8.396	3.613	1.059	.971	.350	.758
66.	20.0	157.77	1.728	2.578	1.9543	8.442	3.709	1.067	.973	.339	.755
68.	20.0	162.90	1.724	2.571	1.9852	8.489	3.805	1.114	.975	.328	.753
70.	20.0	168.03	1.719	2.564	2.0161	8.535	3.901	1.142	.977	.318	.750
72.	20.0	173.16	1.715	2.556	2.0470	8.581	3.998	1.169	.979	.309	.748
74.	20.0	178.29	1.710	2.549	2.0780	8.627	4.094	1.197	.981	.300	.745
76.	20.0	183.37	1.707	2.546	2.1063	8.691	4.193	1.223	.982	.291	.742
78.	20.0	188.44	1.704	2.543	2.1345	8.755	4.293	1.249	.983	.284	.740
80.	20.0	193.52	1.701	2.540	2.1628	8.819	4.393	1.275	.984	.276	.737
82.	20.0	198.60	1.698	2.537	2.1911	8.882	4.492	1.301	.985	.269	.735
84.	20.0	203.67	1.695	2.534	2.2194	8.945	4.592	1.327	.987	.262	.733
86.	20.0	208.74	1.692	2.535	2.2446	9.004	4.694	1.352	.987	.256	.730
88.	20.0	213.80	1.689	2.535	2.2698	9.061	4.796	1.377	.988	.250	.728
90.	20.0	218.86	1.686	2.536	2.2950	9.118	4.899	1.402	.989	.244	.726
92.	20.0	223.93	1.683	2.536	2.3201	9.175	5.001	1.427	.990	.239	.724
94.	20.0	228.99	1.680	2.536	2.3453	9.233	5.103	1.452	.990	.234	.722
96.	20.0	234.08	1.676	2.540	2.3685	9.268	5.209	1.476	.991	.229	.720
98.	20.0	239.17	1.673	2.544	2.3918	9.303	5.314	1.500	.991	.224	.718
100.	20.0	244.26	1.669	2.548	2.4151	9.338	5.419	1.524	.992	.219	.717
102.	20.0	249.35	1.665	2.552	2.4383	9.374	5.525	1.548	.992	.215	.715
104.	20.0	254.44	1.663	2.550	2.4649	9.429	5.621	1.574	.993	.210	.714
106.	20.0	259.49	1.658	2.562	2.4832	9.480	5.734	1.596	.993	.206	.713
108.	20.0	264.73	1.653	2.573	2.5015	9.512	5.846	1.618	.994	.203	.712
110.	20.0	269.98	1.647	2.585	2.5198	9.543	5.958	1.640	.994	.199	.712
112.	20.0	275.22	1.642	2.596	2.5382	9.574	6.071	1.663	.994	.195	.711
114.	20.0	280.47	1.637	2.608	2.5565	9.606	6.183	1.685	.995	.192	.711
116.	20.0	285.71	1.631	2.619	2.5748	9.637	6.295	1.707	.995	.188	.710
118.	20.0	290.96	1.626	2.631	2.5931	9.669	6.408	1.729	.995	.185	.710
120.	20.0	296.20	1.620	2.642	2.6115	9.700	6.520	1.752	.995	.182	.710
122.	20.0	301.45	1.615	2.654	2.6298	9.732	6.632	1.774	.996	.179	.710
124.	20.0	306.69	1.610	2.665	2.6481	9.763	6.745	1.796	.996	.176	.710
126.	20.0	311.94	1.604	2.677	2.6664	9.795	6.857	1.818	.996	.173	.710
128.	20.0	317.18	1.599	2.688	2.6848	9.825	6.969	1.841	.997	.170	.710
130.	20.0	322.43	1.594	2.700	2.7031	9.858	7.082	1.863	.997	.168	.710
132.	20.0	327.67	1.588	2.711	2.7214	9.889	7.194	1.885	.997	.165	.710
134.	20.0	332.92	1.583	2.723	2.7398	9.921	7.306	1.907	.997	.163	.711
136.	20.0	338.16	1.577	2.734	2.7581	9.952	7.419	1.930	.998	.160	.711
138.	20.0	343.95	1.571	2.755	2.7712	9.994	7.548	1.950	.998	.158	.712
140.	20.0	349.75	1.565	2.777	2.7843	9.844	7.677	1.970	.998	.156	.713
142.	20.0	355.54	1.558	2.798	2.7974	9.890	7.806	1.990	.998	.153	.713
144.	20.0	361.34	1.552	2.819	2.8105	9.936	7.935	2.010	.998	.151	.714
146.	20.0	367.13	1.546	2.841	2.8237	9.982	8.065	2.030	.998	.149	.715
148.	20.0	372.93	1.540	2.862	2.8358	10.023	8.194	2.050	.998	.147	.716
150.	20.0	378.72	1.533	2.883	2.8499	10.074	8.323	2.070	.998	.145	.717

152.	20.0	384.52	1.527	2.904	2.3630	10.121	8.452	2.090	.999	.143	.718
154.	20.0	390.31	1.521	2.926	2.8761	10.167	8.581	2.111	.999	.141	.720
156.	20.0	396.10	1.514	2.947	2.8892	10.213	8.711	2.131	.999	.140	.721
158.	20.0	401.90	1.508	2.968	2.9024	10.259	8.840	2.151	.999	.138	.722
160.	20.0	407.69	1.502	2.990	2.9155	10.305	8.969	2.171	.999	.136	.724
162.	20.0	413.49	1.495	3.011	2.9286	10.351	9.098	2.191	.999	.134	.725
164.	20.0	419.28	1.489	3.032	2.9417	10.397	9.227	2.211	.999	.133	.727
166.	20.0	425.08	1.483	3.053	2.9548	10.443	9.357	2.231	.999	.131	.728
168.	20.0	430.87	1.477	3.075	2.9679	10.489	9.486	2.251	.999	.129	.730
170.	20.0	437.45	1.472	3.097	2.9796	10.562	9.632	2.270	.999	.128	.730
172.	20.0	444.03	1.467	3.119	2.9913	10.635	9.778	2.288	1.000	.126	.730
174.	20.0	450.61	1.462	3.142	3.0030	10.707	9.924	2.307	1.000	.125	.730
176.	20.0	457.20	1.457	3.164	3.0147	10.780	10.071	2.325	1.000	.124	.731
178.	20.0	463.78	1.452	3.186	3.0264	10.853	10.217	2.344	1.000	.122	.731
180.	20.0	470.36	1.448	3.209	3.0381	10.926	10.363	2.363	1.000	.121	.732
185.	20.0	486.81	1.435	3.265	3.0673	11.108	10.728	2.409	1.000	.117	.733
190.	20.0	503.26	1.423	3.320	3.0965	11.290	11.094	2.455	1.000	.114	.735
195.	20.0	519.72	1.411	3.376	3.1258	11.472	11.459	2.502	1.001	.111	.737
200.	20.0	534.30	1.395	3.474	3.1542	11.563	11.966	2.547	1.001	.109	.740
205.	20.0	553.16	1.391	3.498	3.1854	11.644	12.270	2.590	1.001	.106	.739
210.	20.0	572.01	1.388	3.523	3.2167	11.721	12.574	2.633	1.001	.103	.738
215.	20.0	590.87	1.385	3.547	3.2479	11.797	12.878	2.676	1.001	.101	.737
220.	20.0	609.73	1.382	3.571	3.2792	11.874	13.182	2.719	1.001	.099	.737
225.	20.0	628.58	1.379	3.596	3.3104	11.951	13.486	2.762	1.001	.097	.736
230.	20.0	647.44	1.375	3.620	3.3417	12.027	13.790	2.805	1.001	.094	.736
235.	20.0	666.30	1.372	3.644	3.3729	12.104	14.094	2.848	1.001	.092	.736
240.	20.0	685.16	1.369	3.668	3.4042	12.180	14.398	2.891	1.001	.090	.737
245.	20.0	704.01	1.366	3.693	3.4354	12.257	14.702	2.934	1.001	.089	.737
250.	20.0	722.87	1.363	3.717	3.4667	12.333	15.005	2.977	1.001	.087	.737
255.	20.0	741.73	1.360	3.741	3.4979	12.410	15.309	3.020	1.001	.085	.738
260.	20.0	760.58	1.356	3.765	3.5292	12.487	15.613	3.063	1.001	.084	.739
265.	20.0	779.44	1.353	3.790	3.5604	12.563	15.917	3.106	1.001	.082	.739
270.	20.0	798.30	1.350	3.814	3.5917	12.640	16.221	3.149	1.001	.080	.740
275.	20.0	817.15	1.347	3.838	3.6229	12.716	16.525	3.192	1.001	.079	.741
280.	20.0	836.01	1.344	3.863	3.6542	12.793	16.829	3.235	1.001	.078	.742
285.	20.0	854.87	1.340	3.887	3.6854	12.869	17.133	3.278	1.001	.076	.744
290.	20.0	873.73	1.337	3.911	3.7167	12.946	17.437	3.321	1.001	.075	.745
295.	20.0	892.58	1.334	3.935	3.7479	13.022	17.741	3.364	1.001	.074	.746
300.	20.0	911.44	1.331	3.959	3.7792	13.099	18.045	3.407	1.001	.072	.748
305.	20.0	930.82	1.332	3.950	3.8102	13.154	18.202	3.444	1.001	.071	.747
310.	20.0	950.19	1.334	3.940	3.8412	13.208	18.359	3.481	1.001	.070	.747
315.	20.0	969.57	1.335	3.930	3.8722	13.263	18.516	3.519	1.001	.069	.747
320.	20.0	988.94	1.336	3.920	3.9032	13.318	18.673	3.556	1.001	.068	.746
325.	20.0	1008.32	1.338	3.910	3.9342	13.373	18.830	3.593	1.001	.067	.746
330.	20.0	1027.70	1.339	3.900	3.9652	13.427	18.987	3.631	1.001	.066	.746
335.	20.0	1047.07	1.341	3.890	3.9962	13.482	19.144	3.668	1.001	.065	.745
340.	20.0	1066.45	1.342	3.880	4.0272	13.537	19.301	3.705	1.001	.064	.745
345.	20.0	1085.82	1.343	3.870	4.0581	13.592	19.458	3.743	1.001	.063	.744
350.	20.0	1105.20	1.345	3.860	4.0891	13.646	19.615	3.780	1.001	.062	.744
355.	20.0	1124.58	1.346	3.850	4.1201	13.701	19.772	3.817	1.001	.061	.743
360.	20.0	1143.95	1.347	3.840	4.1511	13.756	19.929	3.855	1.001	.060	.743
365.	20.0	1163.33	1.349	3.830	4.1821	13.810	20.085	3.892	1.001	.059	.742
370.	20.0	1182.70	1.350	3.820	4.2131	13.865	20.242	3.929	1.001	.059	.742
375.	20.0	1202.08	1.352	3.810	4.2441	13.920	20.399	3.967	1.001	.058	.741
380.	20.0	1221.46	1.353	3.800	4.2751	13.975	20.556	4.004	1.001	.057	.740
385.	20.0	1240.83	1.354	3.790	4.3061	14.029	20.713	4.041	1.001	.056	.740
390.	20.0	1260.21	1.356	3.780	4.3371	14.084	20.870	4.079	1.001	.056	.739
395.	20.0	1279.58	1.357	3.770	4.3681	14.139	21.027	4.116	1.001	.055	.738
400.	20.0	1300.96	1.361	3.738	4.4125	14.436	21.419	4.163	1.001	.054	.727
420.	20.0	1372.46	1.364	3.717	4.5152	14.472	22.031	4.235	1.001	.052	.723
440.	20.0	1443.96	1.367	3.696	4.6179	14.509	22.643	4.407	1.001	.049	.719
460.	20.0	1515.47	1.370	3.674	4.7206	14.545	23.255	4.529	1.001	.047	.716

480.	20.0	1586.97	1.372	3.653	4.3233	14.582	23.867	4.651	1.001	.045	.712
500.	20.0	1658.47	1.375	3.631	4.9259	14.618	24.479	4.773	1.001	.043	.708
520.	20.0	1729.97	1.378	3.610	5.0286	14.654	25.091	4.895	1.001	.042	.704
540.	20.0	1801.48	1.381	3.589	5.1313	14.691	25.703	5.017	1.001	.040	.700
560.	20.0	1872.98	1.384	3.567	5.2340	14.727	26.315	5.139	1.001	.039	.697
580.	20.0	1944.48	1.387	3.546	5.3357	14.763	26.927	5.260	1.001	.037	.693
600.	20.0	2015.98	1.389	3.525	5.4394	14.800	27.539	5.382	1.001	.036	.689
620.	20.0	2087.49	1.392	3.503	5.5420	14.835	28.151	5.504	1.001	.035	.685
640.	20.0	2158.99	1.395	3.482	5.6447	14.873	28.762	5.626	1.001	.034	.681
660.	20.0	2229.35	1.396	3.471	5.7359	14.926	29.385	5.742	1.001	.033	.678
680.	20.0	2298.56	1.396	3.472	5.8156	14.997	30.019	5.850	1.001	.032	.677
700.	20.0	2367.78	1.396	3.472	5.8952	15.069	30.654	5.959	1.001	.031	.675
720.	20.0	2437.00	1.396	3.472	5.9749	15.140	31.288	6.067	1.001	.030	.673
740.	20.0	2506.21	1.396	3.472	6.0546	15.211	31.922	6.176	1.001	.029	.672
760.	20.0	2575.43	1.396	3.473	6.1342	15.282	32.556	6.284	1.001	.029	.670
780.	20.0	2644.64	1.396	3.473	6.2139	15.353	33.190	6.393	1.001	.028	.669
800.	20.0	2713.86	1.396	3.473	6.2936	15.424	33.824	6.502	1.001	.027	.668
820.	20.0	2783.08	1.396	3.473	6.3732	15.495	34.458	6.610	1.001	.026	.666
840.	20.0	2852.29	1.396	3.474	6.4529	15.566	35.092	6.719	1.001	.026	.665
860.	20.0	2921.51	1.396	3.474	6.5326	15.637	35.726	6.827	1.001	.025	.664
880.	20.0	2990.72	1.396	3.474	6.6122	15.708	36.360	6.936	1.001	.025	.663
900.	20.0	3059.94	1.396	3.475	6.6919	15.779	36.994	7.045	1.001	.024	.662
920.	20.0	3129.45	1.396	3.474	6.7614	15.850	37.689	7.149	1.001	.024	.659
940.	20.0	3198.95	1.396	3.474	6.8309	15.921	38.383	7.253	1.001	.023	.656
960.	20.0	3268.46	1.396	3.474	6.9004	15.991	39.078	7.357	1.001	.023	.654
980.	20.0	3337.97	1.396	3.474	6.9700	16.062	39.773	7.461	1.001	.022	.652
1000.	20.0	3407.48	1.396	3.474	7.0395	16.133	40.467	7.565	1.000	.022	.649
1050.	20.0	3581.24	1.396	3.474	7.2133	16.309	42.204	7.825	1.000	.021	.644
1100.	20.0	3755.01	1.396	3.474	7.3871	16.486	43.941	8.085	1.000	.020	.639
1150.	20.0	3928.78	1.396	3.474	7.5608	16.663	45.677	8.345	1.000	.019	.635
1200.	20.0	4103.20	1.395	3.481	7.7130	16.798	46.713	8.625	1.000	.018	.643
1250.	20.0	4277.63	1.394	3.487	7.8652	16.933	47.749	8.905	1.000	.017	.650
1300.	20.0	4452.05	1.393	3.494	8.0173	17.068	48.785	9.186	1.000	.017	.658
1350.	20.0	4626.48	1.392	3.501	8.1695	17.203	49.821	9.466	1.000	.016	.665
1400.	20.0	4798.70	1.391	3.504	8.2325	17.350	50.313	9.779	1.000	.016	.681
1450.	20.0	4976.42	1.390	3.514	8.4627	17.456	51.738	10.018	1.000	.015	.680
1500.	20.0	5154.14	1.388	3.525	8.5929	17.563	53.163	10.257	1.000	.014	.680
1550.	20.0	5331.85	1.387	3.535	8.7232	17.669	54.588	10.496	1.000	.014	.680
1600.	20.0	5509.57	1.385	3.545	8.8534	17.775	56.013	10.735	1.000	.014	.679
1650.	20.0	5687.29	1.384	3.556	8.9835	17.881	57.438	10.973	1.000	.013	.679
1700.	20.0	5865.01	1.382	3.566	9.1138	17.988	58.863	11.212	1.000	.013	.679
1750.	20.0	6042.73	1.381	3.576	9.2441	18.094	60.289	11.451	1.000	.012	.679
1800.	20.0	6220.45	1.379	3.587	9.3743	18.200	61.714	11.690	1.000	.012	.679
1850.	20.0	6398.16	1.378	3.597	9.5045	18.306	63.139	11.929	1.000	.012	.680
1900.	20.0	6575.88	1.376	3.607	9.6347	18.413	64.564	12.167	1.000	.011	.680
1950.	20.0	6753.60	1.374	3.617	9.7650	18.519	65.989	12.406	1.000	.011	.680
2000.	20.0	6931.32	1.373	3.628	9.8952	18.625	67.414	12.645	1.000	.011	.680
2050.	20.0	7116.90	1.371	3.642	10.0020	18.705	68.933	12.867	1.000	.011	.680
2100.	20.0	7302.49	1.369	3.657	10.1088	18.785	70.452	13.089	1.000	.010	.679
2150.	20.0	7488.07	1.367	3.672	10.2156	18.865	71.971	13.311	1.000	.010	.679
2200.	20.0	7673.65	1.365	3.686	10.3224	18.946	73.490	13.533	1.000	.010	.679
2250.	20.0	7859.24	1.363	3.701	10.4292	19.026	75.010	13.755	1.000	.010	.679
2300.	20.0	8044.82	1.361	3.715	10.5360	19.106	76.529	13.977	1.000	.009	.679
2350.	20.0	8230.40	1.359	3.730	10.6428	19.186	78.048	14.200	1.000	.009	.679
2400.	20.0	8415.99	1.358	3.744	10.7496	19.266	79.567	14.422	1.000	.009	.679
2450.	20.0	8601.57	1.356	3.759	10.8564	19.346	81.086	14.644	1.000	.009	.679
2500.	20.0	8787.15	1.354	3.774	10.9632	19.426	82.605	14.866	1.000	.009	.679
2550.	20.0	8972.74	1.352	3.788	11.0700	19.506	84.124	15.088	1.000	.009	.679
2600.	20.0	9158.32	1.350	3.803	11.1768	19.586	85.643	15.310	1.000	.008	.680
2650.	20.0	9352.51	1.348	3.818	11.2704	19.653	87.232	15.522	1.000	.008	.679
2700.	20.0	9546.70	1.346	3.833	11.3639	19.720	88.821	15.734	1.000	.008	.679
2750.	20.0	9740.89	1.345	3.848	11.4575	19.787	90.411	15.946	1.000	.008	.679

2800.	20.0	9935.08	1.343	3.863	11.5511	13.855	92.000	16.158	1.000	.008	.678
2850.	20.0	10129.27	1.341	3.878	11.6445	13.922	93.559	16.370	1.000	.008	.678
2900.	20.0	10323.46	1.339	3.893	11.7382	13.989	95.178	16.581	1.000	.007	.678
2950.	20.0	10517.65	1.338	3.908	11.8313	14.056	96.767	16.793	1.000	.007	.678
3000.	20.0	10711.84	1.336	3.923	11.9253	14.123	98.356	17.005	1.000	.007	.678
3050.	20.0	10906.03	1.334	3.938	12.0189	14.190	99.945	17.217	1.000	.007	.678
3100.	20.0	11100.22	1.332	3.953	12.1125	14.257	101.534	17.429	1.000	.007	.679
3150.	20.0	11294.41	1.331	3.968	12.2060	14.324	103.123	17.641	1.000	.007	.679
3200.	20.0	11488.60	1.329	3.983	12.2996	14.391	104.712	17.853	1.000	.007	.679
3250.	20.0	11696.25	1.326	4.013	12.3792	14.450	107.101	18.057	1.000	.007	.677
3300.	20.0	11903.90	1.324	4.044	12.4588	14.509	109.490	18.261	1.000	.007	.674
3350.	20.0	12111.55	1.322	4.074	12.5383	14.568	111.879	18.465	1.000	.006	.672
3400.	20.0	12319.20	1.319	4.104	12.6179	14.627	114.268	18.669	1.000	.006	.671
3450.	20.0	12526.85	1.317	4.134	12.6975	14.686	116.657	18.873	1.000	.006	.669
3500.	20.0	12734.50	1.315	4.165	12.7771	14.745	119.046	19.077	1.000	.006	.667
3550.	20.0	12942.15	1.312	4.195	12.8567	14.805	121.435	19.282	1.000	.006	.666
3600.	20.0	13149.80	1.310	4.225	12.9363	14.864	123.824	19.486	1.000	.006	.665
3650.	20.0	13357.45	1.307	4.255	13.0158	14.923	126.213	19.690	1.000	.006	.664
3700.	20.0	13565.10	1.305	4.286	13.0954	14.982	128.602	19.894	1.000	.006	.663
3750.	20.0	13772.75	1.303	4.316	13.1750	15.041	130.991	20.098	1.000	.006	.662
3800.	20.0	13996.80	1.297	4.401	13.2358	15.114	135.738	20.300	1.001	.006	.658
3850.	20.0	14229.90	1.293	4.478	13.3011	15.172	140.667	20.500	1.001	.006	.653
3900.	20.0	14463.00	1.289	4.556	13.3665	15.231	145.596	20.700	1.001	.006	.648
3950.	20.0	14696.10	1.286	4.633	13.4318	15.289	150.525	20.900	1.001	.005	.643
4000.	20.0	14929.20	1.282	4.710	13.4972	15.348	155.454	21.100	1.001	.005	.639
4050.	20.0	15162.30	1.278	4.788	13.5625	15.406	160.383	21.300	1.002	.005	.636
4100.	20.0	15395.40	1.274	4.865	13.6279	15.465	165.312	21.500	1.002	.005	.633
4150.	20.0	15628.50	1.270	4.943	13.6932	15.523	170.241	21.699	1.002	.005	.630
4200.	20.0	15861.60	1.267	5.020	13.7586	15.582	175.170	21.899	1.002	.005	.628
4250.	20.0	16138.75	1.262	5.170	13.8166	15.645	184.438	22.097	1.003	.005	.619
4300.	20.0	16415.90	1.258	5.321	13.8747	15.703	193.706	22.295	1.003	.005	.612
4350.	20.0	16693.05	1.254	5.471	13.9327	15.761	202.974	22.493	1.003	.005	.606
4400.	20.0	16970.20	1.250	5.621	13.9908	15.819	212.242	22.691	1.004	.005	.601
4450.	20.0	17247.35	1.245	5.771	14.0488	15.877	221.510	22.889	1.004	.005	.596
4500.	20.0	17524.50	1.241	5.921	14.1069	15.935	230.778	23.086	1.005	.005	.592
4550.	20.0	17801.65	1.237	6.072	14.1649	15.993	240.046	23.284	1.005	.005	.589
4600.	20.0	18078.80	1.233	6.222	14.2230	16.051	249.314	23.482	1.006	.005	.586
4650.	20.0	18442.85	1.230	6.488	14.2850	16.109	258.582	23.680	1.007	.005	.577
4700.	20.0	18806.90	1.227	6.755	14.3470	16.167	267.850	23.878	1.008	.005	.570
4750.	20.0	19170.95	1.224	7.021	14.4091	16.225	277.118	24.077	1.009	.005	.564
4800.	20.0	19535.00	1.221	7.288	14.4711	16.283	286.386	24.275	1.010	.004	.559
4850.	20.0	19899.05	1.218	7.554	14.5331	16.341	295.654	24.473	1.011	.004	.555
4900.	20.0	20263.10	1.214	7.821	14.5951	16.399	304.922	24.671	1.012	.004	.551
4950.	20.0	20627.15	1.211	8.088	14.6572	16.457	314.190	24.870	1.013	.004	.548
5000.	20.0	20991.20	1.208	8.354	14.7192	16.515	323.458	25.068	1.014	.004	.546

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP.	DENSITY	PRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	OF SOUND		* (10)**7	* (10)**7	FACTOR	* (10)**4	NUMBER
			RATIO	(BTU/	* (10)**-4	(BTU/	(BTU/	(LB/IN-SEC)	PV/RT	(LB/CU.IN)	
			CP/CV	LB-DEG.R)	(IN/SEC)	LB-DEG.R)	IN-SEC-DEG.R)				
										R=9200	
36.	30.0	-110.86	1.656	2.259	4.3618	1.873	15.346	7.704	.035	25.752	1.134
38.	30.0	-106.06	1.749	2.436	4.2339	1.997	15.184	7.074	.034	25.031	1.136
40.	30.0	-101.15	1.843	2.617	4.1074	2.126	15.025	6.467	.033	24.629	1.126
42.	30.0	88.71	2.001	3.135	1.4701	6.760	2.787	.741	.860	.903	.833
44.	30.0	94.79	1.555	3.023	1.5235	6.901	2.853	.772	.877	.845	.818
46.	30.0	100.61	1.923	2.956	1.5663	7.026	2.927	.802	.890	.797	.810
48.	30.0	106.43	1.892	2.890	1.6123	7.151	3.001	.833	.902	.753	.802
50.	30.0	112.09	1.866	2.839	1.6529	7.264	3.079	.863	.912	.715	.796
52.	30.0	117.76	1.841	2.789	1.6938	7.378	3.157	.893	.922	.680	.789
54.	30.0	123.26	1.824	2.750	1.7324	7.480	3.241	.922	.929	.650	.784
56.	30.0	128.77	1.807	2.724	1.7709	7.582	3.326	.952	.936	.622	.779
58.	30.0	134.16	1.794	2.701	1.8070	7.675	3.414	.980	.942	.597	.776
60.	30.0	139.56	1.782	2.678	1.8431	7.763	3.502	1.009	.947	.574	.772
62.	30.0	144.88	1.773	2.660	1.8777	7.860	3.594	1.038	.952	.553	.768
64.	30.0	150.12	1.766	2.648	1.9124	8.030	3.727	1.066	.956	.533	.758
66.	30.0	155.35	1.760	2.637	1.9441	8.091	3.819	1.094	.959	.515	.755
68.	30.0	160.59	1.753	2.625	1.9759	8.151	3.911	1.121	.962	.499	.752
70.	30.0	165.82	1.747	2.614	2.0076	8.211	4.003	1.148	.965	.483	.750
72.	30.0	171.06	1.740	2.602	2.0394	8.271	4.095	1.176	.968	.468	.747
74.	30.0	176.29	1.734	2.591	2.0711	8.332	4.187	1.203	.971	.454	.744
76.	30.0	181.44	1.729	2.585	2.0998	8.397	4.283	1.229	.973	.441	.742
78.	30.0	186.58	1.725	2.580	2.1285	8.462	4.380	1.255	.974	.429	.739
80.	30.0	191.73	1.721	2.575	2.1572	8.526	4.477	1.281	.976	.418	.737
82.	30.0	196.88	1.716	2.570	2.1858	8.591	4.574	1.307	.978	.407	.734
84.	30.0	202.03	1.712	2.565	2.2145	8.656	4.670	1.333	.980	.396	.732
86.	30.0	207.14	1.708	2.564	2.2401	8.714	4.771	1.358	.981	.387	.730
88.	30.0	212.26	1.704	2.563	2.2658	8.772	4.871	1.383	.982	.377	.727
90.	30.0	217.38	1.700	2.561	2.2914	8.829	4.972	1.408	.983	.369	.725
92.	30.0	222.49	1.696	2.560	2.3170	8.887	5.072	1.433	.984	.360	.723
94.	30.0	227.61	1.693	2.559	2.3427	8.945	5.172	1.458	.985	.352	.721
96.	30.0	232.74	1.688	2.562	2.3661	9.003	5.275	1.481	.986	.344	.719
98.	30.0	237.87	1.684	2.565	2.3895	9.030	5.380	1.505	.987	.337	.718
100.	30.0	243.00	1.680	2.568	2.4130	9.073	5.484	1.529	.988	.330	.716
102.	30.0	248.12	1.676	2.572	2.4364	9.116	5.588	1.553	.989	.323	.715
104.	30.0	253.06	1.673	2.569	2.4638	9.077	5.694	1.578	.990	.317	.712
106.	30.0	258.33	1.668	2.580	2.4822	9.111	5.805	1.601	.990	.311	.711
108.	30.0	263.61	1.662	2.591	2.5007	9.144	5.916	1.623	.991	.305	.711
110.	30.0	268.88	1.656	2.602	2.5192	9.178	6.027	1.645	.991	.299	.710
112.	30.0	274.15	1.651	2.612	2.5376	9.212	6.138	1.667	.991	.294	.710
114.	30.0	279.42	1.645	2.623	2.5561	9.245	6.249	1.689	.992	.288	.709
116.	30.0	284.69	1.639	2.634	2.5745	9.279	6.360	1.711	.992	.283	.709
118.	30.0	289.97	1.633	2.645	2.5930	9.313	6.471	1.734	.993	.278	.709
120.	30.0	295.24	1.628	2.655	2.6114	9.346	6.582	1.756	.993	.274	.709
122.	30.0	300.51	1.622	2.667	2.6299	9.380	6.693	1.778	.994	.269	.709
124.	30.0	305.78	1.616	2.678	2.6483	9.414	6.804	1.800	.994	.265	.709
126.	30.0	311.05	1.611	2.689	2.6668	9.447	6.915	1.822	.994	.260	.709
128.	30.0	316.33	1.605	2.700	2.6852	9.481	7.026	1.845	.995	.256	.709
130.	30.0	321.60	1.599	2.711	2.7037	9.515	7.137	1.867	.995	.252	.709
132.	30.0	326.87	1.593	2.722	2.7222	9.548	7.248	1.889	.996	.248	.709
134.	30.0	332.14	1.588	2.733	2.7406	9.582	7.359	1.911	.996	.244	.710
136.	30.0	337.41	1.582	2.743	2.7591	9.615	7.470	1.933	.997	.241	.710
138.	30.0	343.22	1.576	2.765	2.7722	9.660	7.599	1.953	.997	.237	.711
140.	30.0	349.03	1.569	2.786	2.7854	9.705	7.727	1.973	.997	.234	.711
142.	30.0	354.84	1.563	2.807	2.7985	9.750	7.850	1.994	.997	.230	.712
144.	30.0	360.65	1.556	2.828	2.8117	9.795	7.984	2.014	.997	.227	.713
146.	30.0	366.46	1.550	2.849	2.8249	9.840	8.113	2.034	.997	.224	.714
148.	30.0	372.27	1.543	2.870	2.8380	9.885	8.241	2.054	.997	.221	.715
150.	30.0	378.08	1.537	2.891	2.8512	9.930	8.370	2.074	.998	.218	.716

152.	30.0	383.89	1.530	2.912	2.8644	9.975	8.498	2.094	.998	.215	.717
154.	30.0	389.70	1.524	2.933	2.8775	10.020	8.627	2.114	.998	.212	.719
156.	30.0	395.50	1.518	2.954	2.8907	10.065	8.755	2.134	.998	.209	.720
158.	30.0	401.31	1.511	2.975	2.9039	10.110	8.884	2.154	.998	.207	.721
160.	30.0	407.12	1.505	2.995	2.9170	10.155	9.012	2.174	.998	.204	.723
162.	30.0	412.93	1.498	3.017	2.9302	10.200	9.141	2.194	.999	.202	.724
164.	30.0	418.74	1.492	3.039	2.9433	10.245	9.269	2.214	.999	.199	.726
166.	30.0	424.55	1.485	3.060	2.9565	10.290	9.398	2.234	.999	.197	.727
168.	30.0	430.36	1.479	3.081	2.9697	10.335	9.527	2.254	.999	.194	.729
170.	30.0	436.95	1.474	3.103	2.9814	10.402	9.672	2.273	.999	.192	.729
172.	30.0	443.54	1.469	3.125	2.9930	10.469	9.817	2.291	.999	.190	.729
174.	30.0	450.13	1.464	3.147	3.0047	10.536	9.962	2.310	.999	.188	.730
176.	30.0	456.72	1.459	3.170	3.0164	10.604	10.107	2.328	.999	.185	.730
178.	30.0	463.31	1.454	3.192	3.0281	10.671	10.252	2.347	1.000	.183	.731
180.	30.0	469.90	1.450	3.214	3.0398	10.738	10.398	2.365	1.000	.181	.731
185.	30.0	486.38	1.437	3.270	3.0691	10.906	10.761	2.412	1.000	.176	.733
190.	30.0	502.85	1.425	3.325	3.0983	11.074	11.124	2.458	1.000	.172	.735
195.	30.0	519.33	1.413	3.381	3.1275	11.243	11.486	2.504	1.001	.167	.737
200.	30.0	533.95	1.396	3.478	3.1563	11.340	11.992	2.550	1.001	.163	.740
205.	30.0	552.82	1.393	3.502	3.1873	11.416	12.295	2.593	1.001	.159	.739
210.	30.0	571.69	1.389	3.527	3.2186	11.493	12.599	2.636	1.001	.155	.738
215.	30.0	590.56	1.386	3.551	3.2498	11.570	12.902	2.679	1.001	.152	.737
220.	30.0	609.43	1.383	3.575	3.2811	11.646	13.206	2.722	1.001	.148	.737
225.	30.0	628.30	1.380	3.599	3.3124	11.723	13.509	2.764	1.001	.145	.736
230.	30.0	647.17	1.377	3.623	3.3437	11.799	13.812	2.807	1.001	.142	.736
235.	30.0	666.04	1.373	3.647	3.3749	11.875	14.116	2.850	1.001	.139	.736
240.	30.0	684.91	1.370	3.671	3.4062	11.953	14.419	2.893	1.001	.136	.737
245.	30.0	703.78	1.367	3.696	3.4375	12.029	14.723	2.936	1.001	.133	.737
250.	30.0	722.65	1.364	3.720	3.4688	12.106	15.026	2.979	1.001	.130	.737
255.	30.0	741.53	1.360	3.744	3.5000	12.182	15.329	3.022	1.001	.128	.738
260.	30.0	760.40	1.357	3.768	3.5313	12.259	15.633	3.064	1.001	.125	.739
265.	30.0	779.27	1.354	3.792	3.5626	12.336	15.936	3.107	1.001	.123	.739
270.	30.0	798.14	1.351	3.816	3.5939	12.412	16.240	3.150	1.002	.121	.740
275.	30.0	817.01	1.347	3.840	3.6251	12.489	16.543	3.193	1.002	.118	.741
280.	30.0	835.88	1.344	3.865	3.6564	12.566	16.846	3.236	1.002	.116	.742
285.	30.0	854.75	1.341	3.889	3.6877	12.642	17.150	3.279	1.002	.114	.743
290.	30.0	873.62	1.338	3.913	3.7190	12.719	17.453	3.322	1.002	.112	.745
295.	30.0	892.49	1.335	3.937	3.7502	12.795	17.757	3.364	1.002	.110	.746
300.	30.0	911.36	1.331	3.961	3.7815	12.872	18.060	3.407	1.002	.108	.747
305.	30.0	930.74	1.333	3.951	3.8125	12.927	18.217	3.445	1.002	.107	.747
310.	30.0	950.12	1.334	3.941	3.8435	12.981	18.373	3.482	1.002	.105	.747
315.	30.0	969.50	1.335	3.931	3.8745	13.036	18.530	3.519	1.002	.103	.747
320.	30.0	988.89	1.337	3.921	3.9055	13.091	18.687	3.557	1.002	.102	.746
325.	30.0	1008.27	1.338	3.911	3.9365	13.146	18.843	3.594	1.002	.100	.746
330.	30.0	1027.65	1.340	3.901	3.9675	13.200	19.000	3.631	1.002	.099	.746
335.	30.0	1047.03	1.341	3.891	3.9985	13.255	19.157	3.669	1.002	.097	.745
340.	30.0	1066.41	1.342	3.881	4.0295	13.310	19.313	3.706	1.002	.096	.745
345.	30.0	1085.79	1.344	3.871	4.0605	13.365	19.470	3.743	1.002	.094	.744
350.	30.0	1105.17	1.345	3.861	4.0915	13.419	19.627	3.780	1.002	.093	.744
355.	30.0	1124.56	1.346	3.851	4.1225	13.474	19.783	3.818	1.002	.092	.743
360.	30.0	1143.94	1.348	3.841	4.1535	13.529	19.940	3.855	1.002	.090	.743
365.	30.0	1163.32	1.349	3.831	4.1845	13.584	20.096	3.892	1.002	.089	.742
370.	30.0	1182.70	1.350	3.821	4.2155	13.638	20.253	3.930	1.002	.088	.741
375.	30.0	1202.08	1.352	3.811	4.2465	13.693	20.410	3.967	1.002	.087	.741
380.	30.0	1221.45	1.353	3.801	4.2775	13.748	20.566	4.004	1.002	.086	.740
385.	30.0	1240.85	1.355	3.791	4.3085	13.803	20.723	4.042	1.002	.085	.739
390.	30.0	1260.23	1.356	3.781	4.3395	13.857	20.880	4.079	1.002	.083	.739
395.	30.0	1279.61	1.357	3.771	4.3705	13.912	21.036	4.116	1.002	.082	.738
400.	30.0	1300.99	1.361	3.739	4.4149	14.176	21.427	4.163	1.002	.081	.728
420.	30.0	1372.50	1.364	3.718	4.5175	14.229	22.039	4.285	1.002	.077	.723
440.	30.0	1444.02	1.367	3.696	4.6203	14.281	22.651	4.407	1.002	.074	.719
460.	30.0	1515.53	1.370	3.675	4.7229	14.333	23.264	4.529	1.002	.071	.715

480.	30.0	1587.04	1.373	3.653	4.8256	14.385	23.876	4.651	1.002	.068	.712
500.	30.0	1658.56	1.375	3.632	4.9283	14.437	24.468	4.773	1.002	.065	.708
520.	30.0	1730.07	1.378	3.611	5.0309	14.489	25.101	4.895	1.002	.063	.704
540.	30.0	1801.59	1.381	3.589	5.1336	14.541	25.713	5.017	1.002	.060	.700
560.	30.0	1873.10	1.384	3.568	5.2362	14.594	26.325	5.139	1.001	.058	.697
580.	30.0	1944.61	1.387	3.546	5.3389	14.646	26.938	5.261	1.001	.056	.693
600.	30.0	2016.13	1.389	3.525	5.4415	14.698	27.550	5.384	1.001	.054	.689
620.	30.0	2087.64	1.392	3.504	5.5442	14.750	28.163	5.506	1.001	.053	.685
640.	30.0	2159.15	1.395	3.482	5.6469	14.802	28.775	5.628	1.001	.051	.681
660.	30.0	2229.52	1.397	3.472	5.7381	14.865	29.398	5.743	1.001	.049	.678
680.	30.0	2298.74	1.397	3.472	5.8177	14.939	30.032	5.852	1.001	.048	.676
700.	30.0	2367.96	1.397	3.472	5.8973	15.012	30.666	5.960	1.001	.047	.675
720.	30.0	2437.18	1.396	3.472	5.9770	15.086	31.300	6.069	1.001	.045	.673
740.	30.0	2506.40	1.396	3.473	6.0566	15.160	31.934	6.177	1.001	.044	.672
760.	30.0	2575.62	1.396	3.473	6.1363	15.233	32.568	6.286	1.001	.043	.670
780.	30.0	2644.84	1.396	3.473	6.2159	15.307	33.202	6.395	1.001	.042	.669
800.	30.0	2714.06	1.396	3.473	6.2955	15.380	33.837	6.503	1.001	.041	.668
820.	30.0	2783.28	1.396	3.474	6.3752	15.454	34.471	6.612	1.001	.040	.666
840.	30.0	2852.50	1.396	3.474	6.4548	15.528	35.105	6.720	1.001	.039	.665
860.	30.0	2921.72	1.396	3.474	6.5345	15.601	35.739	6.829	1.001	.038	.664
880.	30.0	2990.94	1.396	3.474	6.6141	15.675	36.373	6.938	1.001	.037	.663
900.	30.0	3060.16	1.396	3.475	6.6937	15.749	37.007	7.046	1.001	.036	.662
920.	30.0	3129.67	1.396	3.475	6.7632	15.819	37.702	7.150	1.001	.035	.659
940.	30.0	3199.18	1.396	3.475	6.8327	15.889	38.396	7.254	1.001	.035	.656
960.	30.0	3268.69	1.396	3.474	6.9022	15.959	39.091	7.358	1.001	.034	.654
980.	30.0	3338.20	1.396	3.474	6.9717	16.029	39.786	7.462	1.001	.033	.652
1000.	30.0	3407.70	1.396	3.474	7.0412	16.103	40.480	7.566	1.001	.033	.649
1050.	30.0	3581.48	1.396	3.474	7.2150	16.275	42.217	7.826	1.001	.031	.644
1100.	30.0	3755.25	1.396	3.474	7.3887	16.451	43.954	8.086	1.001	.030	.639
1150.	30.0	3929.02	1.396	3.474	7.5625	16.626	45.691	8.346	1.001	.028	.635
1200.	30.0	4103.45	1.395	3.481	7.7146	16.762	46.724	8.626	1.001	.027	.643
1250.	30.0	4277.87	1.394	3.487	7.8667	16.897	47.758	8.907	1.001	.026	.650
1300.	30.0	4452.30	1.393	3.494	8.0188	17.032	48.792	9.187	1.001	.025	.658
1350.	30.0	4626.72	1.392	3.501	8.1709	17.164	49.825	9.467	1.001	.024	.665
1400.	30.0	4798.95	1.391	3.504	8.3339	17.315	50.313	9.779	1.001	.023	.681
1450.	30.0	4976.67	1.390	3.514	8.4641	17.421	51.738	10.018	1.000	.022	.680
1500.	30.0	5154.39	1.388	3.525	8.5943	17.527	53.163	10.257	1.000	.022	.680
1550.	30.0	5332.11	1.387	3.535	8.7245	17.634	54.588	10.496	1.000	.021	.680
1600.	30.0	5509.83	1.385	3.545	8.8547	17.740	56.013	10.735	1.000	.020	.679
1650.	30.0	5687.55	1.384	3.556	8.9849	17.846	57.438	10.973	1.000	.020	.679
1700.	30.0	5865.26	1.382	3.566	9.1151	17.952	58.863	11.212	1.000	.019	.679
1750.	30.0	6042.98	1.381	3.576	9.2453	18.059	60.289	11.451	1.000	.019	.679
1800.	30.0	6220.70	1.379	3.587	9.3755	18.165	61.714	11.690	1.000	.018	.679
1850.	30.0	6398.42	1.378	3.597	9.5057	18.271	63.139	11.929	1.000	.018	.680
1900.	30.0	6576.14	1.376	3.607	9.6359	18.377	64.564	12.167	1.000	.017	.680
1950.	30.0	6753.86	1.374	3.617	9.7661	18.484	65.989	12.406	1.000	.017	.680
2000.	30.0	6931.58	1.373	3.628	9.8963	18.590	67.414	12.645	1.000	.016	.680
2050.	30.0	7117.16	1.371	3.642	10.0031	18.670	68.933	12.867	1.000	.016	.680
2100.	30.0	7302.75	1.369	3.657	10.1099	18.750	70.452	13.089	1.000	.016	.679
2150.	30.0	7488.33	1.367	3.672	10.2166	18.830	71.971	13.311	1.000	.015	.679
2200.	30.0	7673.91	1.365	3.686	10.3234	18.910	73.490	13.533	1.000	.015	.679
2250.	30.0	7859.50	1.363	3.701	10.4302	19.000	75.009	13.755	1.000	.014	.679
2300.	30.0	8045.08	1.361	3.715	10.5370	19.070	76.529	13.977	1.000	.014	.679
2350.	30.0	8230.66	1.359	3.730	10.6438	19.150	78.048	14.200	1.000	.014	.679
2400.	30.0	8416.25	1.358	3.744	10.7506	19.230	79.567	14.422	1.000	.014	.679
2450.	30.0	8601.83	1.356	3.759	10.8573	19.311	81.086	14.644	1.000	.013	.679
2500.	30.0	8787.41	1.354	3.774	10.9641	19.391	82.605	14.866	1.000	.013	.679
2550.	30.0	8973.00	1.352	3.788	11.0709	19.471	84.124	15.088	1.000	.013	.679
2600.	30.0	9158.58	1.350	3.803	11.1777	19.551	85.643	15.310	1.000	.013	.680
2650.	30.0	9352.77	1.348	3.818	11.2713	19.618	87.232	15.522	1.000	.012	.679
2700.	30.0	9546.97	1.346	3.833	11.3648	19.685	88.821	15.734	1.000	.012	.679
2750.	30.0	9741.16	1.345	3.848	11.4584	19.752	90.409	15.946	1.000	.012	.679

2800.	30.0	9935.35	1.343	3.863	11.5519	19.819	91.998	16.158	1.000	.012	.678
2850.	30.0	10129.55	1.341	3.878	11.6455	19.886	93.587	16.370	1.000	.011	.678
2900.	30.0	10323.74	1.339	3.893	11.7390	19.953	95.176	16.581	1.000	.011	.678
2950.	30.0	10517.93	1.338	3.908	11.8326	20.020	96.764	16.793	1.000	.011	.678
3000.	30.0	10712.13	1.336	3.923	11.9262	20.087	98.353	17.005	1.000	.011	.678
3050.	30.0	10906.32	1.334	3.938	12.0197	20.155	99.942	17.217	1.000	.011	.678
3100.	30.0	11100.51	1.332	3.953	12.1133	20.222	101.531	17.429	1.000	.011	.679
3150.	30.0	11294.71	1.331	3.968	12.2068	20.289	103.119	17.641	1.000	.010	.679
3200.	30.0	11488.90	1.329	3.983	12.3004	20.356	104.708	17.853	1.000	.010	.679
3250.	30.0	11696.50	1.326	4.013	12.3830	20.415	107.090	18.057	1.000	.010	.677
3300.	30.0	11904.10	1.324	4.043	12.4596	20.474	109.472	18.261	1.000	.010	.674
3350.	30.0	12111.70	1.322	4.073	12.5393	20.533	111.853	18.465	1.000	.010	.672
3400.	30.0	12319.30	1.319	4.103	12.6189	20.592	114.235	18.669	1.000	.010	.671
3450.	30.0	12526.90	1.317	4.133	12.6985	20.651	116.617	18.873	1.000	.009	.669
3500.	30.0	12734.50	1.315	4.164	12.7781	20.710	118.999	19.077	1.000	.009	.667
3550.	30.0	12942.10	1.312	4.194	12.8578	20.769	121.381	19.282	1.000	.009	.666
3600.	30.0	13149.70	1.310	4.224	12.9374	20.828	123.763	19.486	1.000	.009	.665
3650.	30.0	13357.30	1.308	4.254	13.0170	20.887	126.144	19.690	1.000	.009	.664
3700.	30.0	13564.90	1.305	4.284	13.0966	20.946	128.526	19.894	1.000	.009	.663
3750.	30.0	13772.50	1.303	4.314	13.1763	21.005	130.908	20.098	1.001	.009	.662
3800.	30.0	14000.20	1.296	4.412	13.2332	21.476	136.242	20.300	1.001	.009	.657
3850.	30.0	14234.35	1.292	4.492	13.2931	21.535	141.304	20.500	1.001	.008	.652
3900.	30.0	14468.50	1.288	4.572	13.3630	21.594	146.366	20.700	1.001	.008	.647
3950.	30.0	14702.65	1.285	4.652	13.4279	21.653	151.429	20.900	1.002	.008	.642
4000.	30.0	14936.80	1.281	4.732	13.4928	21.711	156.491	21.100	1.002	.008	.638
4050.	30.0	15170.95	1.277	4.813	13.5577	21.770	161.553	21.300	1.002	.008	.635
4100.	30.0	15405.10	1.273	4.893	13.6226	21.829	166.615	21.500	1.002	.008	.631
4150.	30.0	15639.25	1.269	4.973	13.6875	21.888	171.676	21.700	1.002	.008	.629
4200.	30.0	15873.40	1.265	5.053	13.7524	21.946	176.740	21.900	1.003	.008	.626
4250.	30.0	16153.12	1.261	5.209	13.8132	22.010	186.311	22.098	1.003	.008	.618
4300.	30.0	16432.85	1.257	5.364	13.8680	22.074	195.881	22.295	1.004	.008	.611
4350.	30.0	16712.57	1.252	5.520	13.9259	22.138	205.452	22.493	1.004	.007	.604
4400.	30.0	16992.30	1.243	5.676	13.9837	22.202	215.023	22.691	1.005	.007	.599
4450.	30.0	17272.02	1.244	5.832	14.0415	22.265	224.594	22.889	1.006	.007	.594
4500.	30.0	17551.75	1.240	5.987	14.0993	22.329	234.164	23.087	1.006	.007	.590
4550.	30.0	17831.47	1.235	6.143	14.1572	22.393	243.735	23.285	1.007	.007	.587
4600.	30.0	18111.20	1.231	6.299	14.2150	22.457	253.306	23.483	1.007	.007	.584
4650.	30.0	18481.15	1.228	6.576	14.2775	22.534	270.670	23.681	1.009	.007	.575
4700.	30.0	18851.10	1.225	6.852	14.3399	22.610	288.034	23.880	1.010	.007	.568
4750.	30.0	19221.05	1.222	7.129	14.4024	22.687	305.399	24.078	1.011	.007	.562
4800.	30.0	19591.00	1.219	7.406	14.4649	22.764	322.763	24.277	1.012	.007	.557
4850.	30.0	19960.55	1.215	7.683	14.5274	22.841	340.127	24.475	1.014	.007	.553
4900.	30.0	20330.90	1.213	7.959	14.5898	22.913	357.491	24.673	1.015	.007	.549
4950.	30.0	20700.85	1.210	8.236	14.6523	22.995	374.856	24.872	1.016	.006	.546
5000.	30.0	21070.80	1.206	8.513	14.7149	23.072	392.220	25.070	1.018	.006	.544

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. DENSITY FACTOR *(10)**4 PV/RT (LB/CU.IN)	PRANDTL NUMBER
									K=9200	
36.	40.0	-110.60	1.651	2.251	4.3761	1.867	15.365	7.738	.047	25.794
38.	40.0	-105.78	1.743	2.428	4.2498	1.994	15.204	7.112	.045	25.187
40.	40.0	-100.92	1.835	2.605	4.1241	2.121	15.044	6.498	.044	24.768
42.	40.0	-95.23	1.976	2.847	3.9583	2.255	14.869	5.999	.043	24.058
44.	40.0	-89.42	2.112	3.338	1.4838	8.554	3.171	.785	.832	1.188
46.	40.0	-95.58	2.063	3.235	1.5321	6.682	3.222	.815	.848	1.115
48.	40.0	101.74	2.014	3.133	1.5803	6.810	3.273	.844	.864	1.049
50.	40.0	107.82	1.968	3.038	1.6262	6.932	3.326	.873	.878	.990
52.	40.0	113.91	1.922	2.943	1.6721	7.055	3.379	.903	.893	.936
54.	40.0	119.66	1.895	2.892	1.7125	7.161	3.448	.932	.903	.892
56.	40.0	125.42	1.869	2.841	1.7530	7.268	3.517	.961	.913	.850
58.	40.0	131.02	1.849	2.804	1.7909	7.365	3.593	.989	.921	.814
60.	40.0	136.63	1.829	2.767	1.8287	7.461	3.669	1.018	.928	.781
62.	40.0	142.10	1.816	2.740	1.8646	7.552	3.750	1.046	.934	.750
64.	40.0	147.60	1.801	2.710	1.9014	7.664	3.842	1.074	.941	.722
66.	40.0	152.94	1.792	2.695	1.9340	7.739	3.929	1.101	.945	.697
68.	40.0	158.28	1.783	2.679	1.9665	7.813	4.017	1.128	.949	.674
70.	40.0	163.61	1.774	2.664	1.9991	7.888	4.104	1.155	.953	.652
72.	40.0	168.95	1.765	2.648	2.0317	7.962	4.192	1.182	.957	.631
74.	40.0	174.29	1.757	2.633	2.0643	8.037	4.279	1.209	.961	.611
76.	40.0	179.51	1.751	2.625	2.0933	8.102	4.373	1.235	.963	.594
78.	40.0	184.73	1.745	2.618	2.1224	8.168	4.467	1.261	.966	.577
80.	40.0	189.94	1.740	2.610	2.1515	8.234	4.561	1.287	.968	.561
82.	40.0	195.16	1.734	2.602	2.1806	8.300	4.655	1.312	.971	.546
84.	40.0	200.38	1.729	2.595	2.2097	8.366	4.749	1.339	.973	.532
86.	40.0	205.55	1.724	2.592	2.2357	8.424	4.848	1.364	.975	.519
88.	40.0	210.72	1.719	2.590	2.2618	8.483	4.946	1.388	.976	.506
90.	40.0	215.89	1.715	2.587	2.2879	8.541	5.045	1.413	.978	.494
92.	40.0	221.05	1.710	2.585	2.3139	8.599	5.143	1.438	.979	.483
94.	40.0	226.22	1.705	2.582	2.3400	8.657	5.241	1.463	.980	.472
96.	40.0	231.39	1.700	2.584	2.3636	8.707	5.344	1.486	.982	.461
98.	40.0	236.56	1.696	2.586	2.3872	8.757	5.447	1.510	.983	.451
100.	40.0	241.73	1.691	2.589	2.4108	8.808	5.549	1.534	.984	.442
102.	40.0	246.90	1.686	2.591	2.4344	8.858	5.652	1.558	.985	.433
104.	40.0	251.88	1.683	2.587	2.4627	8.906	5.767	1.583	.986	.424
106.	40.0	257.18	1.677	2.598	2.4813	8.942	5.876	1.605	.987	.416
108.	40.0	262.48	1.671	2.608	2.4999	8.977	5.986	1.627	.988	.408
110.	40.0	267.78	1.665	2.618	2.5185	9.013	6.096	1.649	.988	.400
112.	40.0	273.08	1.659	2.629	2.5371	9.049	6.205	1.672	.989	.393
114.	40.0	278.38	1.653	2.639	2.5555	9.085	6.315	1.694	.989	.386
116.	40.0	283.68	1.647	2.649	2.5742	9.121	6.425	1.716	.990	.379
118.	40.0	288.98	1.641	2.660	2.5928	9.157	6.534	1.738	.990	.372
120.	40.0	294.28	1.635	2.670	2.6114	9.192	6.644	1.760	.991	.366
122.	40.0	299.58	1.629	2.680	2.6300	9.228	6.754	1.782	.991	.359
124.	40.0	304.88	1.623	2.691	2.6486	9.264	6.863	1.804	.992	.353
126.	40.0	310.17	1.617	2.701	2.6671	9.300	6.973	1.826	.993	.348
128.	40.0	315.47	1.611	2.711	2.6857	9.336	7.083	1.848	.993	.342
130.	40.0	320.77	1.605	2.722	2.7043	9.371	7.192	1.871	.994	.337
132.	40.0	326.07	1.599	2.732	2.7229	9.407	7.302	1.893	.994	.331
134.	40.0	331.37	1.593	2.742	2.7415	9.443	7.412	1.915	.995	.326
136.	40.0	336.67	1.586	2.753	2.7501	9.479	7.522	1.937	.995	.321
138.	40.0	342.49	1.580	2.774	2.7733	9.523	7.649	1.957	.996	.316
140.	40.0	348.32	1.573	2.795	2.7865	9.567	7.777	1.977	.996	.312
142.	40.0	354.14	1.567	2.815	2.7997	9.610	7.905	1.997	.996	.307
144.	40.0	359.96	1.560	2.836	2.8129	9.654	8.033	2.017	.996	.303
146.	40.0	365.79	1.554	2.857	2.8251	9.698	8.161	2.037	.996	.299
148.	40.0	371.61	1.547	2.878	2.8393	9.742	8.289	2.057	.997	.295
150.	40.0	377.43	1.541	2.899	2.8525	9.786	8.416	2.077	.997	.291

152.	40.0	383.20	1.534	2.920	2.8657	9.830	8.544	2.097	.997	.287	.717
154.	40.0	389.08	1.527	2.941	2.3739	9.873	8.672	2.117	.997	.283	.718
156.	40.0	394.90	1.521	2.961	2.8921	9.917	8.800	2.137	.997	.279	.719
158.	40.0	400.73	1.514	2.982	2.9053	9.961	8.928	2.157	.998	.276	.721
160.	40.0	406.55	1.508	3.003	2.9185	10.005	9.056	2.177	.998	.272	.722
162.	40.0	412.37	1.501	3.024	2.9313	10.049	9.184	2.197	.998	.269	.723
164.	40.0	418.20	1.495	3.045	2.9450	10.093	9.311	2.217	.998	.266	.725
166.	40.0	424.02	1.488	3.066	2.9582	10.136	9.439	2.237	.998	.262	.727
168.	40.0	429.84	1.481	3.087	2.9714	10.180	9.567	2.257	.999	.259	.728
170.	40.0	436.44	1.476	3.109	2.9831	10.242	9.711	2.276	.999	.256	.728
172.	40.0	443.04	1.472	3.131	2.9943	10.304	9.856	2.294	.999	.253	.729
174.	40.0	449.64	1.467	3.153	3.0065	10.365	10.000	2.313	.999	.250	.729
176.	40.0	456.24	1.462	3.175	3.0182	10.427	10.144	2.331	.999	.247	.730
178.	40.0	462.94	1.457	3.197	3.0299	10.489	10.288	2.350	.999	.244	.730
180.	40.0	469.44	1.452	3.219	3.0416	10.550	10.432	2.368	.999	.242	.731
185.	40.0	485.35	1.439	3.275	3.0708	10.705	10.793	2.414	1.000	.235	.733
190.	40.0	502.45	1.427	3.330	3.1001	10.859	11.153	2.461	1.000	.229	.735
195.	40.0	518.35	1.414	3.385	3.1293	11.013	11.514	2.507	1.001	.223	.737
200.	40.0	533.60	1.397	3.482	3.1579	11.112	12.018	2.553	1.001	.217	.740
205.	40.0	552.48	1.394	3.506	3.1892	11.188	12.321	2.596	1.001	.212	.739
210.	40.0	571.37	1.391	3.531	3.2205	11.265	12.624	2.636	1.001	.207	.738
215.	40.0	590.25	1.387	3.555	3.2518	11.342	12.927	2.681	1.001	.202	.737
220.	40.0	609.14	1.384	3.579	3.2830	11.418	13.230	2.724	1.001	.197	.737
225.	40.0	628.02	1.381	3.603	3.3143	11.495	13.532	2.767	1.001	.193	.737
230.	40.0	646.90	1.378	3.627	3.3456	11.572	13.835	2.809	1.001	.189	.736
235.	40.0	665.79	1.374	3.651	3.3769	11.648	14.138	2.852	1.001	.185	.736
240.	40.0	684.67	1.371	3.675	3.4082	11.725	14.441	2.895	1.001	.181	.737
245.	40.0	703.56	1.368	3.699	3.4395	11.802	14.744	2.938	1.002	.177	.737
250.	40.0	722.44	1.364	3.723	3.4708	11.878	15.046	2.980	1.002	.174	.737
255.	40.0	741.32	1.361	3.747	3.5021	11.955	15.349	3.023	1.002	.170	.738
260.	40.0	760.21	1.358	3.771	3.5334	12.032	15.652	3.066	1.002	.167	.739
265.	40.0	779.09	1.355	3.795	3.5647	12.108	15.955	3.109	1.002	.164	.739
270.	40.0	797.98	1.351	3.819	3.5960	12.185	16.258	3.151	1.002	.161	.740
275.	40.0	816.86	1.348	3.843	3.6273	12.262	16.561	3.194	1.002	.158	.741
280.	40.0	835.74	1.345	3.867	3.6586	12.338	16.863	3.237	1.002	.155	.742
285.	40.0	854.63	1.342	3.891	3.6899	12.415	17.166	3.280	1.002	.152	.743
290.	40.0	873.51	1.338	3.915	3.7212	12.492	17.469	3.322	1.002	.150	.745
295.	40.0	892.40	1.335	3.939	3.7525	12.568	17.772	3.365	1.002	.147	.746
300.	40.0	911.28	1.332	3.963	3.7838	12.645	18.075	3.408	1.002	.145	.747
305.	40.0	930.67	1.333	3.953	3.8148	12.700	18.231	3.445	1.002	.142	.747
310.	40.0	950.05	1.334	3.943	3.8458	12.755	18.388	3.483	1.002	.140	.747
315.	40.0	969.44	1.336	3.933	3.8768	12.809	18.544	3.520	1.002	.138	.746
320.	40.0	988.83	1.337	3.923	3.9078	12.864	18.700	3.557	1.002	.136	.746
325.	40.0	1008.21	1.339	3.912	3.9388	12.919	18.857	3.594	1.002	.133	.746
330.	40.0	1027.60	1.340	3.902	3.9698	12.974	19.013	3.632	1.002	.131	.745
335.	40.0	1046.99	1.341	3.892	4.0008	13.028	19.169	3.669	1.002	.129	.745
340.	40.0	1066.38	1.343	3.882	4.0318	13.083	19.326	3.706	1.002	.128	.745
345.	40.0	1085.76	1.344	3.872	4.0628	13.138	19.482	3.744	1.002	.126	.744
350.	40.0	1105.15	1.345	3.862	4.0938	13.193	19.638	3.781	1.002	.124	.744
355.	40.0	1124.54	1.347	3.852	4.1248	13.247	19.795	3.818	1.002	.122	.743
360.	40.0	1143.92	1.348	3.842	4.1558	13.302	19.951	3.855	1.002	.120	.742
365.	40.0	1163.31	1.349	3.832	4.1868	13.357	20.107	3.893	1.002	.119	.742
370.	40.0	1182.70	1.351	3.822	4.2178	13.412	20.264	3.930	1.002	.117	.741
375.	40.0	1202.08	1.352	3.812	4.2488	13.466	20.420	3.967	1.002	.116	.741
380.	40.0	1221.47	1.353	3.802	4.2798	13.521	20.577	4.005	1.002	.114	.740
385.	40.0	1240.86	1.355	3.792	4.3109	13.576	20.733	4.042	1.002	.113	.739
390.	40.0	1260.25	1.356	3.782	4.3419	13.631	20.889	4.079	1.002	.111	.739
395.	40.0	1279.63	1.358	3.772	4.3729	13.685	21.046	4.117	1.002	.110	.738
400.	40.0	1301.02	1.361	3.740	4.4173	13.917	21.434	4.163	1.002	.108	.726
420.	40.0	1372.54	1.364	3.718	4.5200	13.985	22.047	4.285	1.002	.103	.723
440.	40.0	1444.07	1.367	3.697	4.6226	14.053	22.659	4.407	1.002	.099	.719
460.	40.0	1515.59	1.370	3.676	4.7253	14.121	23.272	4.529	1.002	.094	.715

480.	40.0	1587.12	1.373	3.654	4.8279	14.189	23.885	4.652	1.002	.090	.712
500.	40.0	1658.64	1.376	3.633	4.9306	14.256	24.498	4.774	1.002	.087	.708
520.	40.0	1730.17	1.378	3.611	5.0332	14.324	25.111	4.896	1.002	.083	.704
540.	40.0	1801.69	1.381	3.590	5.1359	14.392	25.723	5.018	1.002	.080	.700
560.	40.0	1873.22	1.384	3.568	5.2385	14.460	26.336	5.140	1.002	.077	.696
580.	40.0	1944.74	1.387	3.547	5.3412	14.528	26.949	5.262	1.002	.075	.693
600.	40.0	2016.27	1.390	3.525	5.4438	14.596	27.562	5.385	1.002	.072	.689
620.	40.0	2087.79	1.392	3.504	5.5465	14.664	28.175	5.507	1.002	.070	.685
640.	40.0	2159.32	1.395	3.482	5.6491	14.732	28.787	5.629	1.002	.068	.681
660.	40.0	2229.69	1.397	3.472	5.7402	14.804	29.411	5.744	1.001	.066	.678
680.	40.0	2298.92	1.397	3.472	5.8193	14.880	30.045	5.853	1.001	.064	.676
700.	40.0	2368.14	1.397	3.472	5.8995	14.956	30.679	5.962	1.001	.062	.675
720.	40.0	2437.36	1.397	3.473	5.9791	15.032	31.313	6.070	1.001	.060	.673
740.	40.0	2506.59	1.397	3.473	6.0587	15.108	31.947	6.179	1.001	.059	.672
760.	40.0	2575.81	1.396	3.473	6.1383	15.185	32.581	6.287	1.001	.057	.670
780.	40.0	2645.04	1.396	3.473	6.2179	15.261	33.215	6.396	1.001	.056	.669
800.	40.0	2714.26	1.396	3.474	6.2975	15.337	33.849	6.505	1.001	.054	.667
820.	40.0	2783.48	1.396	3.474	6.3771	15.413	34.483	6.613	1.001	.053	.666
840.	40.0	2852.71	1.396	3.474	6.4568	15.489	35.117	6.722	1.001	.052	.665
860.	40.0	2921.93	1.396	3.474	6.5364	15.565	35.751	6.830	1.001	.050	.664
880.	40.0	2991.16	1.396	3.475	6.6160	15.642	36.385	6.939	1.001	.049	.663
900.	40.0	3060.38	1.396	3.475	6.6956	15.718	37.019	7.048	1.001	.048	.662
920.	40.0	3129.89	1.396	3.475	6.7651	15.788	37.714	7.152	1.001	.047	.659
940.	40.0	3199.40	1.396	3.475	6.8346	15.857	38.409	7.256	1.001	.046	.656
960.	40.0	3268.91	1.396	3.475	6.9040	15.927	39.104	7.360	1.001	.045	.654
980.	40.0	3338.42	1.396	3.475	6.9735	15.997	39.799	7.464	1.001	.044	.652
1000.	40.0	3407.93	1.396	3.474	7.0430	16.067	40.493	7.568	1.001	.043	.649
1050.	40.0	3581.71	1.396	3.474	7.2167	16.241	42.230	7.828	1.001	.041	.644
1100.	40.0	3755.48	1.396	3.474	7.3904	16.415	43.967	8.088	1.001	.039	.639
1150.	40.0	3929.26	1.396	3.474	7.5641	16.590	45.704	8.348	1.001	.038	.635
1200.	40.0	4103.69	1.395	3.481	7.7162	16.726	46.736	8.628	1.001	.036	.643
1250.	40.0	4278.12	1.394	3.488	7.8682	16.861	47.767	8.908	1.001	.035	.650
1300.	40.0	4452.54	1.393	3.494	8.0203	16.997	48.798	9.187	1.001	.033	.658
1350.	40.0	4626.97	1.392	3.501	8.1724	17.132	49.830	9.467	1.001	.032	.665
1400.	40.0	4799.20	1.391	3.504	8.3353	17.279	50.313	9.779	1.001	.031	.681
1450.	40.0	4976.92	1.390	3.514	8.4655	17.386	51.738	10.018	1.001	.030	.680
1500.	40.0	5154.64	1.388	3.525	8.5956	17.492	53.163	10.257	1.001	.029	.680
1550.	40.0	5332.36	1.387	3.535	8.7258	17.593	54.588	10.496	1.001	.028	.680
1600.	40.0	5510.08	1.385	3.545	8.8560	17.704	56.013	10.735	1.001	.027	.679
1650.	40.0	5687.80	1.384	3.556	8.9862	17.811	57.438	10.973	1.001	.026	.679
1700.	40.0	5865.52	1.382	3.566	9.1153	17.917	58.863	11.212	1.001	.026	.679
1750.	40.0	6043.24	1.381	3.576	9.2465	18.023	60.289	11.451	1.001	.025	.679
1800.	40.0	6220.96	1.379	3.587	9.3767	18.129	61.714	11.690	1.001	.024	.679
1850.	40.0	6398.68	1.378	3.597	9.5069	18.236	63.139	11.929	1.001	.023	.680
1900.	40.0	6576.40	1.376	3.607	9.6370	18.342	64.564	12.167	1.001	.023	.680
1950.	40.0	6754.12	1.374	3.617	9.7672	18.448	65.989	12.406	1.000	.022	.680
2000.	40.0	6931.84	1.373	3.628	9.8974	18.554	67.414	12.645	1.000	.022	.680
2050.	40.0	7117.42	1.371	3.642	10.0042	18.634	68.933	12.867	1.000	.021	.680
2100.	40.0	7303.01	1.369	3.657	10.1109	18.715	70.452	13.089	1.000	.021	.679
2150.	40.0	7488.59	1.367	3.672	10.2177	18.795	71.971	13.311	1.000	.020	.679
2200.	40.0	7674.17	1.365	3.686	10.3245	18.875	73.490	13.533	1.000	.020	.679
2250.	40.0	7859.76	1.363	3.701	10.4312	18.955	75.009	13.755	1.000	.019	.679
2300.	40.0	8045.34	1.361	3.715	10.5380	19.035	76.528	13.977	1.000	.019	.679
2350.	40.0	8230.92	1.359	3.730	10.6448	19.115	78.047	14.200	1.000	.018	.679
2400.	40.0	8416.51	1.358	3.744	10.7515	19.195	79.567	14.422	1.000	.018	.679
2450.	40.0	8602.09	1.356	3.759	10.8583	19.275	81.086	14.644	1.000	.018	.679
2500.	40.0	8787.67	1.354	3.774	10.9651	19.355	82.605	14.866	1.000	.017	.679
2550.	40.0	8973.26	1.352	3.788	11.0719	19.435	84.124	15.088	1.000	.017	.679
2600.	40.0	9158.84	1.350	3.803	11.1786	19.515	85.643	15.310	1.000	.017	.680
2650.	40.0	9353.04	1.348	3.818	11.2721	19.582	87.221	15.522	1.000	.016	.679
2700.	40.0	9547.23	1.346	3.833	11.3657	19.650	88.820	15.734	1.000	.016	.679
2750.	40.0	9741.43	1.345	3.848	11.4592	19.717	90.408	15.946	1.000	.016	.679

2300.	40.0	9935.63	1.343	3.863	11.5528	19.784	91.597	16.158	1.000	.016	.678
2850.	40.0	10129.82	1.341	3.878	11.6463	19.851	93.565	16.370	1.000	.015	.678
2900.	40.0	10324.02	1.339	3.893	11.7399	19.918	95.173	16.581	1.000	.015	.678
2950.	40.0	10518.22	1.338	3.908	11.8334	19.985	96.782	16.793	1.000	.015	.678
3000.	40.0	10712.41	1.336	3.923	11.9270	20.052	98.350	17.005	1.000	.014	.678
3050.	40.0	10906.61	1.334	3.938	12.0205	20.119	99.939	17.217	1.000	.014	.678
3100.	40.0	11100.81	1.332	3.953	12.1141	20.186	101.527	17.429	1.000	.014	.679
3150.	40.0	11295.00	1.331	3.968	12.2076	20.253	103.116	17.641	1.000	.014	.679
3200.	40.0	11489.20	1.329	3.983	12.3012	20.320	104.704	17.853	1.000	.014	.679
3250.	40.0	11696.75	1.326	4.013	12.3809	20.379	107.079	18.057	1.000	.013	.677
3300.	40.0	11904.30	1.324	4.043	12.4605	20.438	109.453	18.261	1.000	.013	.674
3350.	40.0	12111.85	1.322	4.073	12.5402	20.497	111.828	18.465	1.000	.013	.672
3400.	40.0	12319.40	1.319	4.103	12.6199	20.556	114.203	18.669	1.000	.013	.671
3450.	40.0	12526.95	1.317	4.132	12.6995	20.615	116.577	18.873	1.000	.013	.669
3500.	40.0	12734.50	1.315	4.162	12.7792	20.674	118.952	19.077	1.000	.012	.668
3550.	40.0	12942.05	1.312	4.192	12.8589	20.733	121.327	19.282	1.000	.012	.666
3600.	40.0	13149.60	1.310	4.222	12.9385	20.793	123.701	19.486	1.001	.012	.665
3650.	40.0	13357.15	1.308	4.252	13.0182	20.852	126.076	19.690	1.001	.012	.664
3700.	40.0	13564.70	1.305	4.282	13.0979	20.911	128.451	19.894	1.001	.012	.663
3750.	40.0	13772.25	1.303	4.312	13.1775	20.970	130.825	20.098	1.001	.012	.662
3800.	40.0	14003.60	1.296	4.424	13.2305	21.539	136.746	20.300	1.001	.011	.657
3850.	40.0	14238.80	1.292	4.506	13.2950	21.598	141.341	20.500	1.001	.011	.651
3900.	40.0	14474.00	1.288	4.589	13.3595	21.657	147.137	20.700	1.002	.011	.646
3950.	40.0	14709.20	1.284	4.672	13.4239	21.716	152.532	20.900	1.002	.011	.641
4000.	40.0	14944.40	1.280	4.755	13.4884	21.775	157.528	21.100	1.002	.011	.637
4050.	40.0	15179.60	1.276	4.837	13.5528	21.834	162.723	21.300	1.002	.011	.633
4100.	40.0	15414.80	1.272	4.920	13.6173	21.893	167.919	21.500	1.003	.011	.630
4150.	40.0	15650.00	1.268	5.003	13.6817	21.952	173.114	21.700	1.003	.010	.627
4200.	40.0	15885.20	1.264	5.086	13.7462	22.011	178.310	21.900	1.003	.010	.625
4250.	40.0	16167.50	1.259	5.247	13.8038	22.076	188.183	22.098	1.004	.010	.616
4300.	40.0	16449.80	1.255	5.408	13.8614	22.140	198.057	22.296	1.005	.010	.609
4350.	40.0	16732.10	1.251	5.570	13.9190	22.204	207.930	22.494	1.005	.010	.603
4400.	40.0	17014.40	1.246	5.731	13.9766	22.269	217.804	22.692	1.006	.010	.597
4450.	40.0	17296.70	1.242	5.892	14.0342	22.333	227.677	22.890	1.007	.010	.592
4500.	40.0	17579.00	1.238	6.054	14.0918	22.398	237.551	23.088	1.007	.010	.588
4550.	40.0	17861.30	1.233	6.215	14.1494	22.462	247.424	23.286	1.008	.009	.585
4600.	40.0	18143.60	1.229	6.376	14.2070	22.526	257.298	23.484	1.009	.009	.582
4650.	40.0	18519.45	1.225	6.663	14.2699	22.604	275.248	23.683	1.010	.009	.573
4700.	40.0	18895.30	1.223	6.950	14.3328	22.682	293.198	23.881	1.012	.009	.566
4750.	40.0	19271.15	1.220	7.237	14.3958	22.761	311.149	24.080	1.014	.009	.560
4800.	40.0	19647.00	1.217	7.524	14.4587	22.839	329.099	24.278	1.015	.009	.555
4850.	40.0	20022.85	1.214	7.811	14.5216	22.917	347.049	24.477	1.017	.009	.551
4900.	40.0	20398.70	1.211	8.098	14.5845	22.995	364.999	24.675	1.018	.009	.547
4950.	40.0	20774.55	1.208	8.385	14.6475	23.073	382.950	24.874	1.020	.009	.545
5000.	40.0	21150.40	1.205	8.671	14.7104	23.151	400.900	25.073	1.021	.009	.542

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	CMP.	DENSITY	PRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	LF SQU	(BTU/	* (10)**7	* (10)**7	FACTOR	(10)**4	NUMBER
			RATIL	(BTU/	IN/SEC)	LB-DEG.R)	(BTU/	(LB/IN-SEC)	PV/KT	(LB/CU.IN)	
			CP/CV	LB-DEG.R)			(V-SEC-DEG.R)				
										R=9200	
36.	50.0	-110.33	1.647	2.244	4.3905	1.863	15.384	7.772	.058	25.819	1.134
38.	50.0	-105.51	1.737	2.419	4.2657	1.990	15.224	7.150	.057	25.282	1.136
40.	50.0	-100.68	1.827	2.594	4.1439	2.117	15.064	6.528	.055	24.852	1.124
42.	50.0	-94.91	1.975	2.844	3.9736	2.252	14.887	6.045	.053	24.191	1.155
44.	50.0	-89.13	2.122	3.094	3.8063	2.383	14.711	5.562	.052	23.614	1.170
46.	50.0	90.55	2.202	3.514	1.4979	6.339	3.517	.827	.806	1.466	.826
48.	50.0	97.05	2.136	3.375	1.5487	6.469	3.545	.856	.825	1.372	.815
50.	50.0	103.55	2.069	3.236	1.5995	6.600	3.574	.884	.845	1.287	.801
52.	50.0	110.05	2.003	3.096	1.6503	6.731	3.602	.913	.864	1.210	.785
54.	50.0	116.06	1.967	3.028	1.6927	6.842	3.655	.941	.877	1.148	.780
56.	50.0	122.08	1.931	2.959	1.7351	6.954	3.708	.970	.890	1.090	.774
58.	50.0	127.88	1.904	2.907	1.7747	7.054	3.771	.998	.900	1.041	.769
60.	50.0	133.69	1.877	2.856	1.8143	7.154	3.835	1.026	.910	.996	.764
62.	50.0	139.32	1.859	2.820	1.8515	7.243	3.907	1.054	.917	.956	.761
64.	50.0	145.08	1.835	2.773	1.8905	7.298	3.956	1.081	.926	.917	.758
66.	50.0	150.52	1.824	2.753	1.9239	7.387	4.039	1.108	.931	.885	.755
68.	50.0	155.96	1.813	2.733	1.9573	7.476	4.122	1.135	.936	.854	.752
70.	50.0	161.41	1.802	2.714	1.9906	7.564	4.205	1.162	.941	.825	.750
72.	50.0	166.85	1.791	2.694	2.0240	7.653	4.289	1.189	.946	.798	.747
74.	50.0	172.29	1.780	2.674	2.0574	7.741	4.372	1.216	.951	.772	.744
76.	50.0	177.53	1.773	2.664	2.0869	7.808	4.463	1.241	.954	.749	.741
78.	50.0	182.87	1.766	2.655	2.1164	7.875	4.554	1.267	.957	.728	.739
80.	50.0	188.15	1.759	2.645	2.1458	7.942	4.646	1.293	.960	.707	.736
82.	50.0	193.44	1.752	2.635	2.1753	8.009	4.737	1.319	.963	.688	.734
84.	50.0	198.73	1.745	2.625	2.2048	8.076	4.828	1.344	.966	.670	.731
86.	50.0	203.95	1.740	2.621	2.2313	8.135	4.925	1.369	.968	.653	.729
88.	50.0	209.17	1.734	2.617	2.2578	8.193	5.021	1.394	.970	.637	.727
90.	50.0	214.40	1.729	2.613	2.2843	8.252	5.118	1.418	.972	.621	.724
92.	50.0	219.62	1.723	2.609	2.3108	8.311	5.214	1.443	.974	.607	.722
94.	50.0	224.84	1.718	2.605	2.3373	8.369	5.311	1.468	.976	.593	.720
96.	50.0	230.05	1.713	2.606	2.3611	8.427	5.412	1.491	.977	.579	.718
98.	50.0	235.26	1.707	2.607	2.3849	8.485	5.513	1.515	.978	.567	.717
100.	50.0	240.47	1.702	2.609	2.4087	8.542	5.614	1.539	.980	.555	.715
102.	50.0	245.68	1.696	2.610	2.4325	8.600	5.715	1.562	.981	.543	.713
104.	50.0	250.70	1.693	2.606	2.4616	8.734	5.839	1.588	.983	.532	.708
106.	50.0	256.03	1.687	2.615	2.4804	8.772	5.948	1.610	.984	.521	.708
108.	50.0	261.36	1.681	2.625	2.4991	8.810	6.056	1.632	.984	.511	.707
110.	50.0	266.68	1.674	2.635	2.5178	8.848	6.164	1.654	.985	.502	.707
112.	50.0	272.01	1.668	2.645	2.5365	8.886	6.273	1.676	.986	.492	.707
114.	50.0	277.34	1.661	2.655	2.5552	8.924	6.381	1.698	.987	.483	.706
116.	50.0	282.66	1.655	2.664	2.5739	8.962	6.489	1.720	.987	.475	.706
118.	50.0	287.99	1.649	2.674	2.5926	9.000	6.598	1.742	.988	.466	.706
120.	50.0	293.31	1.642	2.684	2.6113	9.038	6.706	1.764	.989	.458	.706
122.	50.0	298.64	1.636	2.694	2.6301	9.076	6.814	1.786	.989	.450	.706
124.	50.0	303.97	1.629	2.703	2.6488	9.114	6.923	1.808	.990	.443	.706
126.	50.0	309.29	1.623	2.713	2.6675	9.152	7.031	1.830	.991	.435	.706
128.	50.0	314.62	1.617	2.723	2.6862	9.190	7.140	1.852	.991	.428	.706
130.	50.0	319.95	1.610	2.733	2.7049	9.228	7.248	1.874	.992	.421	.707
132.	50.0	325.27	1.604	2.743	2.7236	9.266	7.356	1.896	.993	.415	.707
134.	50.0	330.60	1.597	2.752	2.7423	9.304	7.465	1.919	.994	.408	.707
136.	50.0	335.92	1.591	2.762	2.7610	9.342	7.573	1.941	.994	.402	.708
138.	50.0	341.76	1.584	2.783	2.7743	9.385	7.700	1.961	.995	.396	.709
140.	50.0	347.60	1.578	2.803	2.7876	9.428	7.827	1.981	.995	.390	.709
142.	50.0	353.44	1.571	2.824	2.8009	9.471	7.955	2.000	.995	.385	.710
144.	50.0	359.28	1.564	2.845	2.8141	9.513	8.082	2.020	.995	.379	.711
146.	50.0	365.11	1.558	2.865	2.8273	9.556	8.209	2.040	.996	.374	.712
148.	50.0	370.95	1.551	2.886	2.8405	9.599	8.336	2.060	.996	.369	.713
150.	50.0	376.79	1.544	2.907	2.8538	9.641	8.463	2.080	.996	.364	.714

152.	50.0	382.63	1.537	2.927	2.3671	9.684	8.590	2.100	.996	.359	.716
154.	50.0	388.47	1.531	2.948	2.8833	9.727	8.718	2.120	.997	.354	.717
156.	50.0	394.30	1.524	2.969	2.3936	9.769	8.845	2.140	.997	.350	.718
158.	50.0	400.14	1.517	2.989	2.9063	9.812	8.972	2.160	.997	.345	.720
160.	50.0	405.98	1.511	3.010	2.9201	9.855	9.099	2.180	.997	.341	.721
162.	50.0	411.82	1.504	3.031	2.9333	9.898	9.226	2.200	.998	.336	.723
164.	50.0	417.65	1.497	3.051	2.9466	9.940	9.353	2.220	.998	.332	.724
166.	50.0	423.49	1.491	3.072	2.9598	9.983	9.481	2.240	.998	.328	.726
168.	50.0	429.33	1.484	3.093	2.9731	10.026	9.608	2.260	.998	.324	.727
170.	50.0	435.94	1.479	3.115	2.9848	10.082	9.751	2.279	.998	.320	.728
172.	50.0	442.55	1.474	3.137	2.9955	10.138	9.894	2.297	.999	.316	.728
174.	50.0	449.16	1.469	3.159	3.0082	10.194	10.037	2.315	.999	.313	.729
176.	50.0	455.77	1.464	3.181	3.0199	10.250	10.181	2.334	.999	.309	.729
178.	50.0	462.38	1.459	3.203	3.0316	10.307	10.324	2.352	.999	.306	.730
180.	50.0	468.99	1.454	3.225	3.0433	10.363	10.467	2.371	.999	.302	.730
185.	50.0	485.51	1.441	3.280	3.0725	10.503	10.825	2.417	1.000	.294	.732
190.	50.0	502.04	1.428	3.335	3.1018	10.644	11.183	2.463	1.000	.286	.735
195.	50.0	518.56	1.416	3.390	3.1311	10.784	11.541	2.510	1.001	.279	.737
200.	50.0	533.25	1.399	3.487	3.1597	10.883	12.044	2.555	1.001	.271	.740
205.	50.0	552.15	1.395	3.511	3.1910	10.960	12.347	2.598	1.001	.265	.739
210.	50.0	571.04	1.392	3.534	3.2223	11.037	12.649	2.641	1.001	.259	.738
215.	50.0	589.94	1.389	3.558	3.2537	11.114	12.951	2.683	1.001	.252	.737
220.	50.0	608.84	1.385	3.582	3.2850	11.190	13.253	2.726	1.001	.247	.737
225.	50.0	627.74	1.382	3.606	3.3163	11.267	13.556	2.769	1.001	.241	.737
230.	50.0	646.63	1.379	3.630	3.3476	11.344	13.858	2.811	1.002	.236	.736
235.	50.0	665.53	1.375	3.654	3.3789	11.421	14.160	2.854	1.002	.231	.736
240.	50.0	684.43	1.372	3.678	3.4103	11.497	14.462	2.897	1.002	.226	.737
245.	50.0	703.33	1.369	3.702	3.4416	11.574	14.765	2.939	1.002	.221	.737
250.	50.0	722.22	1.365	3.725	3.4729	11.651	15.067	2.982	1.002	.217	.737
255.	50.0	741.12	1.362	3.749	3.5042	11.727	15.369	3.025	1.002	.213	.738
260.	50.0	760.02	1.359	3.773	3.5355	11.804	15.671	3.067	1.002	.209	.739
265.	50.0	778.92	1.355	3.797	3.5669	11.881	15.974	3.110	1.002	.205	.739
270.	50.0	797.81	1.352	3.821	3.5982	11.958	16.276	3.153	1.002	.201	.740
275.	50.0	816.71	1.349	3.845	3.6295	12.034	16.578	3.195	1.002	.197	.741
280.	50.0	835.61	1.345	3.869	3.6608	12.111	16.880	3.238	1.002	.194	.742
285.	50.0	854.51	1.342	3.893	3.6921	12.188	17.183	3.281	1.003	.190	.743
290.	50.0	873.40	1.339	3.916	3.7235	12.265	17.485	3.323	1.003	.187	.744
295.	50.0	892.30	1.335	3.940	3.7548	12.341	17.787	3.366	1.003	.184	.746
300.	50.0	911.20	1.332	3.964	3.7861	12.418	18.089	3.409	1.003	.181	.747
305.	50.0	930.59	1.333	3.954	3.8171	12.473	18.246	3.446	1.003	.178	.747
310.	50.0	949.98	1.335	3.944	3.8481	12.528	18.402	3.483	1.003	.175	.747
315.	50.0	969.38	1.336	3.934	3.8791	12.582	18.558	3.520	1.003	.172	.746
320.	50.0	988.77	1.338	3.924	3.9101	12.637	18.714	3.556	1.003	.169	.746
325.	50.0	1008.16	1.339	3.914	3.9411	12.692	18.870	3.595	1.003	.167	.746
330.	50.0	1027.55	1.340	3.904	3.9721	12.747	19.026	3.632	1.003	.164	.745
335.	50.0	1046.95	1.342	3.894	4.0032	12.801	19.182	3.670	1.003	.162	.745
340.	50.0	1066.34	1.343	3.884	4.0342	12.855	19.338	3.707	1.003	.159	.744
345.	50.0	1085.73	1.344	3.874	4.0652	12.911	19.494	3.744	1.003	.157	.744
350.	50.0	1105.12	1.346	3.863	4.0962	12.966	19.650	3.781	1.003	.155	.743
355.	50.0	1124.52	1.347	3.853	4.1272	13.021	19.806	3.819	1.003	.153	.743
360.	50.0	1143.91	1.348	3.843	4.1582	13.075	19.962	3.856	1.003	.151	.742
365.	50.0	1163.30	1.350	3.833	4.1892	13.130	20.118	3.893	1.003	.148	.742
370.	50.0	1182.69	1.351	3.823	4.2202	13.185	20.275	3.930	1.003	.146	.741
375.	50.0	1202.09	1.352	3.813	4.2512	13.240	20.431	3.968	1.003	.145	.741
380.	50.0	1221.48	1.354	3.803	4.2822	13.294	20.587	4.005	1.003	.143	.740
385.	50.0	1240.87	1.355	3.793	4.3132	13.349	20.743	4.042	1.003	.141	.739
390.	50.0	1260.26	1.356	3.783	4.3442	13.404	20.899	4.080	1.003	.139	.738
395.	50.0	1279.66	1.358	3.773	4.3752	13.459	21.055	4.117	1.003	.137	.738
400.	50.0	1301.05	1.362	3.741	4.4197	13.657	21.441	4.163	1.003	.135	.726
420.	50.0	1372.59	1.365	3.719	4.5224	13.741	22.054	4.285	1.003	.129	.723
440.	50.0	1444.12	1.367	3.698	4.6250	13.825	22.667	4.407	1.003	.123	.719
460.	50.0	1515.66	1.370	3.676	4.7276	13.908	23.281	4.530	1.003	.118	.715

480.	50.0	1587.19	1.373	3.655	4.8333	13.992	23.894	4.652	1.003	.113	.712
500.	50.0	1658.73	1.376	3.633	4.9323	14.076	24.507	4.774	1.002	.108	.708
520.	50.0	1730.27	1.379	3.612	5.0355	14.159	25.120	4.897	1.002	.104	.704
540.	50.0	1801.80	1.381	3.590	5.1381	14.243	25.734	5.019	1.002	.100	.700
560.	50.0	1873.34	1.384	3.569	5.2408	14.327	26.347	5.141	1.002	.097	.696
580.	50.0	1944.87	1.387	3.547	5.3434	14.410	26.960	5.263	1.002	.094	.693
600.	50.0	2016.41	1.390	3.526	5.4460	14.494	27.573	5.386	1.002	.090	.689
620.	50.0	2087.95	1.392	3.504	5.5487	14.578	28.187	5.508	1.002	.087	.685
640.	50.0	2159.48	1.395	3.483	5.6513	14.661	28.800	5.630	1.002	.085	.681
660.	50.0	2229.86	1.397	3.472	5.7424	14.742	29.424	5.746	1.002	.082	.678
680.	50.0	2299.09	1.397	3.472	5.8223	14.821	30.058	5.854	1.002	.080	.676
700.	50.0	2368.32	1.397	3.472	5.9016	14.900	30.692	5.963	1.002	.078	.675
720.	50.0	2437.55	1.397	3.473	5.9812	14.979	31.326	6.072	1.002	.075	.673
740.	50.0	2506.78	1.397	3.473	6.0637	15.057	31.960	6.180	1.002	.073	.672
760.	50.0	2576.00	1.397	3.473	6.1403	15.136	32.594	6.289	1.002	.071	.670
780.	50.0	2645.23	1.396	3.473	6.2199	15.215	33.228	6.398	1.002	.070	.669
800.	50.0	2714.46	1.396	3.474	6.2995	15.293	33.862	6.506	1.002	.068	.667
820.	50.0	2783.69	1.396	3.474	6.3791	15.372	34.496	6.615	1.002	.066	.666
840.	50.0	2852.92	1.396	3.474	6.4587	15.451	35.130	6.723	1.001	.065	.665
860.	50.0	2922.14	1.396	3.474	6.5383	15.530	35.764	6.832	1.001	.063	.664
880.	50.0	2991.37	1.396	3.475	6.6179	15.608	36.398	6.941	1.001	.062	.663
900.	50.0	3060.60	1.396	3.475	6.6974	15.687	37.032	7.049	1.001	.060	.661
920.	50.0	3130.11	1.396	3.475	6.7669	15.756	37.727	7.153	1.001	.059	.659
940.	50.0	3199.62	1.396	3.475	6.8364	15.826	38.422	7.257	1.001	.058	.656
960.	50.0	3269.14	1.396	3.475	6.9058	15.895	39.117	7.361	1.001	.057	.654
980.	50.0	3338.65	1.396	3.475	6.9753	15.964	39.812	7.465	1.001	.055	.652
1000.	50.0	3408.16	1.396	3.475	7.0447	16.034	40.506	7.569	1.001	.054	.649
1050.	50.0	3581.94	1.396	3.474	7.2184	16.207	42.244	7.830	1.001	.052	.644
1100.	50.0	3755.72	1.396	3.474	7.3923	16.381	43.981	8.090	1.001	.049	.639
1150.	50.0	3929.50	1.396	3.474	7.5657	16.554	45.718	8.350	1.001	.047	.634
1200.	50.0	4103.93	1.395	3.481	7.7177	16.690	46.747	8.629	1.001	.045	.643
1250.	50.0	4278.36	1.394	3.488	7.8698	16.825	47.776	8.909	1.001	.043	.650
1300.	50.0	4452.79	1.393	3.494	8.0218	16.961	48.805	9.188	1.001	.042	.658
1350.	50.0	4627.22	1.392	3.501	8.1738	17.097	49.834	9.468	1.001	.040	.665
1400.	50.0	4799.45	1.391	3.504	8.3357	17.244	50.313	9.779	1.001	.039	.681
1450.	50.0	4977.17	1.390	3.514	8.4668	17.350	51.738	10.018	1.001	.037	.680
1500.	50.0	5154.89	1.388	3.525	8.5970	17.456	53.163	10.257	1.001	.036	.680
1550.	50.0	5332.61	1.387	3.535	8.7271	17.563	54.588	10.496	1.001	.035	.680
1600.	50.0	5510.33	1.385	3.545	8.8573	17.669	56.013	10.735	1.001	.034	.679
1650.	50.0	5688.05	1.384	3.556	8.9874	17.775	57.438	10.973	1.001	.033	.679
1700.	50.0	5865.77	1.382	3.566	9.1176	17.881	58.863	11.212	1.001	.032	.679
1750.	50.0	6043.50	1.381	3.576	9.2477	17.988	60.289	11.451	1.001	.031	.679
1800.	50.0	6221.22	1.379	3.587	9.3779	18.094	61.714	11.690	1.001	.030	.679
1850.	50.0	6398.94	1.378	3.597	9.5080	18.200	63.139	11.929	1.001	.029	.680
1900.	50.0	6576.66	1.376	3.607	9.6382	18.306	64.564	12.167	1.001	.029	.680
1950.	50.0	6754.38	1.374	3.617	9.7683	18.413	65.989	12.406	1.001	.028	.680
2000.	50.0	6932.10	1.373	3.628	9.8985	18.519	67.414	12.645	1.001	.027	.680
2050.	50.0	7117.68	1.371	3.642	10.0052	18.599	68.933	12.867	1.001	.026	.680
2100.	50.0	7303.27	1.369	3.657	10.1120	18.679	70.452	13.089	1.001	.026	.679
2150.	50.0	7488.85	1.367	3.672	10.2137	18.759	71.971	13.311	1.001	.025	.679
2200.	50.0	7674.43	1.365	3.686	10.3255	18.839	73.490	13.533	1.001	.025	.679
2250.	50.0	7860.02	1.363	3.701	10.4322	18.919	75.009	13.755	1.001	.024	.679
2300.	50.0	8045.60	1.361	3.715	10.5330	18.999	76.528	13.977	1.001	.024	.679
2350.	50.0	8231.18	1.359	3.730	10.6457	19.080	78.047	14.200	1.001	.023	.679
2400.	50.0	8416.77	1.357	3.744	10.7525	19.160	79.566	14.422	1.000	.023	.679
2450.	50.0	8602.35	1.356	3.759	10.8592	19.240	81.085	14.644	1.000	.022	.679
2500.	50.0	8787.93	1.354	3.774	10.9660	19.320	82.604	14.866	1.000	.022	.679
2550.	50.0	8973.52	1.352	3.788	11.0727	19.400	84.123	15.088	1.000	.021	.679
2600.	50.0	9159.10	1.350	3.803	11.1795	19.480	85.642	15.310	1.000	.021	.680
2650.	50.0	9353.30	1.348	3.818	11.2730	19.547	87.231	15.522	1.000	.020	.679
2700.	50.0	9547.50	1.346	3.833	11.3665	19.614	88.819	15.734	1.000	.020	.679
2750.	50.0	9741.70	1.345	3.848	11.4601	19.681	90.407	15.946	1.000	.020	.679

2800.	50.0	9935.90	1.343	3.863	11.5537	19.748	91.995	16.158	1.000	.019	.678
2850.	50.0	10130.10	1.341	3.878	11.6472	19.815	93.583	16.370	1.000	.019	.678
2900.	50.0	10324.50	1.339	3.893	11.7407	19.882	95.171	16.581	1.000	.019	.678
2950.	50.0	10518.50	1.338	3.908	11.8343	19.950	96.759	16.793	1.000	.018	.678
3000.	50.0	10712.70	1.336	3.923	11.9273	20.017	98.347	17.005	1.000	.018	.678
3050.	50.0	10906.90	1.334	3.938	12.0214	20.084	99.936	17.217	1.000	.018	.678
3100.	50.0	11101.10	1.332	3.953	12.1149	20.151	101.524	17.429	1.000	.018	.679
3150.	50.0	11295.30	1.331	3.968	12.2085	20.218	103.112	17.641	1.000	.017	.679
3200.	50.0	11489.50	1.329	3.983	12.3020	20.285	104.700	17.853	1.000	.017	.679
3250.	50.0	11697.00	1.326	4.012	12.3817	20.344	107.067	18.057	1.000	.017	.677
3300.	50.0	11904.50	1.324	4.042	12.4614	20.403	109.435	18.251	1.000	.016	.675
3350.	50.0	12112.00	1.322	4.072	12.5411	20.462	111.802	18.455	1.000	.016	.673
3400.	50.0	12319.50	1.319	4.102	12.6208	20.521	114.170	18.659	1.000	.016	.671
3450.	50.0	12527.00	1.317	4.132	12.7005	20.580	116.537	18.873	1.001	.016	.669
3500.	50.0	12734.50	1.315	4.161	12.7802	20.639	118.905	19.077	1.001	.016	.668
3550.	50.0	12942.00	1.312	4.191	12.8600	20.698	121.272	19.282	1.001	.015	.666
3600.	50.0	13149.50	1.310	4.221	12.9397	20.757	123.640	19.486	1.001	.015	.665
3650.	50.0	13357.00	1.308	4.251	13.0194	20.816	126.007	19.690	1.001	.015	.664
3700.	50.0	13564.50	1.305	4.281	13.0991	20.875	128.375	19.894	1.001	.015	.663
3750.	50.0	13772.00	1.303	4.310	13.1788	20.934	130.742	20.098	1.001	.014	.663
3800.	50.0	14007.00	1.295	4.435	13.2280	21.602	137.250	20.300	1.001	.014	.656
3850.	50.0	14243.25	1.291	4.520	13.2920	21.661	142.579	20.500	1.002	.014	.650
3900.	50.0	14479.50	1.287	4.606	13.3560	21.720	147.907	20.700	1.002	.014	.645
3950.	50.0	14715.75	1.283	4.691	13.4200	21.780	153.236	20.900	1.002	.014	.640
4000.	50.0	14952.00	1.279	4.777	13.4840	21.839	158.565	21.100	1.003	.014	.636
4050.	50.0	15188.25	1.274	4.862	13.5480	21.898	163.894	21.300	1.003	.013	.632
4100.	50.0	15424.50	1.270	4.947	13.6120	21.957	169.222	21.500	1.003	.013	.629
4150.	50.0	15660.75	1.266	5.033	13.6760	22.017	174.551	21.700	1.004	.013	.626
4200.	50.0	15897.00	1.262	5.118	13.7400	22.076	179.880	21.900	1.004	.013	.623
4250.	50.0	16181.88	1.258	5.205	13.7974	22.141	190.056	22.098	1.005	.013	.615
4300.	50.0	16466.75	1.253	5.452	13.8547	22.206	200.232	22.296	1.006	.013	.607
4350.	50.0	16751.63	1.249	5.619	13.9121	22.271	210.409	22.494	1.006	.012	.601
4400.	50.0	17036.50	1.245	5.786	13.9695	22.336	220.585	22.692	1.007	.012	.595
4450.	50.0	17321.38	1.240	5.953	14.0269	22.401	230.761	22.891	1.008	.012	.590
4500.	50.0	17606.25	1.236	6.120	14.0842	22.466	240.938	23.089	1.009	.012	.586
4550.	50.0	17891.13	1.231	6.286	14.1416	22.531	251.114	23.287	1.010	.012	.583
4600.	50.0	18176.00	1.227	6.453	14.1990	22.596	261.290	23.485	1.010	.012	.580
4650.	50.0	18557.75	1.224	6.750	14.2624	22.675	279.826	23.684	1.012	.012	.571
4700.	50.0	18939.50	1.221	7.048	14.3257	22.755	298.362	23.882	1.014	.011	.564
4750.	50.0	19321.25	1.218	7.345	14.3891	22.834	316.899	24.081	1.016	.011	.558
4800.	50.0	19703.00	1.215	7.642	14.4525	22.913	335.435	24.280	1.018	.011	.553
4850.	50.0	20084.75	1.212	7.939	14.5159	22.992	353.971	24.479	1.020	.011	.549
4900.	50.0	20466.50	1.209	8.236	14.5792	23.072	372.507	24.677	1.022	.011	.546
4950.	50.0	20848.25	1.206	8.533	14.6425	23.151	391.044	24.876	1.023	.011	.543
5000.	50.0	21230.00	1.203	8.830	14.7060	23.230	409.580	25.075	1.025	.011	.541

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT CAPACITY (BTU/DEG.R)	CP-HEAT CAPACITY (BTU/DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/DEG.R)	CONDUCTIVITY *(10)**7 (BTU/IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
			RATIO CP/CV							R=9200	
36.	60.0	-110.04	1.642	2.238	4.4053	1.859	15.404	7.812	.070	25.861	1.135
38.	60.0	-105.25	1.731	2.410	4.2815	1.986	15.244	7.186	.068	25.330	1.136
40.	60.0	-100.45	1.820	2.582	4.1577	2.112	15.084	6.559	.065	24.908	1.123
42.	60.0	-94.77	1.958	2.820	3.9962	2.240	14.911	6.068	.064	24.272	1.147
44.	60.0	-89.10	2.097	3.057	3.8347	2.380	14.739	5.576	.062	23.719	1.157
46.	60.0	-82.92	2.274	3.352	3.6530	2.521	14.542	5.111	.061	23.077	1.178
48.	60.0	-91.74	2.312	3.717	1.5188	6.250	3.914	.871	.786	1.728	.827
50.	60.0	98.53	2.229	3.547	1.5705	6.382	3.919	.898	.808	1.615	.813
52.	60.0	105.31	2.145	3.377	1.6223	6.515	3.924	.926	.829	1.512	.797
54.	60.0	111.81	2.080	3.249	1.6689	6.635	3.944	.953	.847	1.426	.785
56.	60.0	118.30	2.015	3.121	1.7156	6.756	3.965	.981	.865	1.347	.772
58.	60.0	124.39	1.977	3.048	1.7575	6.861	4.008	1.008	.877	1.282	.766
60.	60.0	130.47	1.939	2.975	1.7993	6.966	4.052	1.036	.890	1.222	.760
62.	60.0	136.31	1.915	2.925	1.8380	7.059	4.110	1.063	.899	1.170	.756
64.	60.0	142.17	1.890	2.874	1.8782	7.141	4.168	1.090	.909	1.121	.752
66.	60.0	147.76	1.874	2.845	1.9128	7.230	4.240	1.117	.916	1.079	.749
68.	60.0	153.35	1.858	2.816	1.9473	7.319	4.312	1.143	.922	1.040	.747
70.	60.0	158.55	1.842	2.786	1.9818	7.407	4.383	1.170	.928	1.004	.744
72.	60.0	164.54	1.826	2.757	2.0164	7.496	4.455	1.196	.935	.969	.740
74.	60.0	170.13	1.810	2.727	2.0509	7.584	4.526	1.223	.941	.937	.737
76.	60.0	175.51	1.801	2.714	2.0809	7.652	4.611	1.249	.945	.908	.735
78.	60.0	180.88	1.792	2.701	2.1109	7.720	4.695	1.274	.948	.882	.733
80.	60.0	186.26	1.783	2.688	2.1409	7.788	4.780	1.300	.952	.856	.731
82.	60.0	191.63	1.775	2.675	2.1709	7.856	4.865	1.325	.956	.832	.729
84.	60.0	197.00	1.766	2.661	2.2009	7.924	4.949	1.351	.959	.809	.726
86.	60.0	202.29	1.759	2.655	2.2278	7.984	5.041	1.375	.962	.789	.724
88.	60.0	207.57	1.752	2.649	2.2547	8.043	5.133	1.400	.964	.769	.722
90.	60.0	212.85	1.746	2.643	2.2816	8.102	5.225	1.424	.966	.750	.720
92.	60.0	218.14	1.739	2.637	2.3085	8.162	5.317	1.449	.969	.732	.719
94.	60.0	223.42	1.732	2.631	2.3354	8.221	5.409	1.473	.971	.715	.717
96.	60.0	228.67	1.726	2.631	2.3594	8.273	5.507	1.497	.973	.699	.715
98.	60.0	233.93	1.720	2.631	2.3834	8.335	5.605	1.520	.974	.683	.714
100.	60.0	239.18	1.714	2.631	2.4074	8.392	5.703	1.544	.976	.668	.712
102.	60.0	244.44	1.708	2.630	2.4314	8.449	5.801	1.567	.978	.654	.711
104.	60.0	249.53	1.703	2.624	2.4606	8.563	5.912	1.592	.980	.640	.707
106.	60.0	254.88	1.697	2.633	2.4794	8.603	6.019	1.614	.980	.628	.706
108.	60.0	260.23	1.690	2.642	2.4983	8.643	6.126	1.636	.981	.615	.706
110.	60.0	265.59	1.683	2.652	2.5171	8.684	6.233	1.658	.982	.604	.706
112.	60.0	270.94	1.676	2.661	2.5359	8.724	6.340	1.680	.983	.592	.705
114.	60.0	276.29	1.670	2.670	2.5548	8.764	6.447	1.702	.984	.581	.705
116.	60.0	281.65	1.663	2.679	2.5736	8.804	6.554	1.724	.985	.571	.705
118.	60.0	287.00	1.656	2.688	2.5925	8.844	6.661	1.746	.986	.561	.705
120.	60.0	292.35	1.649	2.698	2.6113	8.884	6.768	1.768	.986	.551	.705
122.	60.0	297.71	1.643	2.707	2.6302	8.925	6.875	1.790	.987	.541	.705
124.	60.0	303.06	1.636	2.716	2.6490	8.965	6.982	1.812	.988	.532	.705
126.	60.0	308.41	1.629	2.725	2.6678	9.005	7.089	1.834	.989	.523	.705
128.	60.0	313.77	1.623	2.735	2.6867	9.045	7.196	1.856	.990	.515	.705
130.	60.0	319.12	1.616	2.744	2.7055	9.085	7.303	1.878	.991	.506	.706
132.	60.0	324.47	1.609	2.753	2.7244	9.126	7.410	1.900	.991	.498	.706
134.	60.0	329.83	1.602	2.762	2.7432	9.166	7.517	1.922	.992	.490	.706
136.	60.0	335.18	1.596	2.771	2.7620	9.206	7.624	1.944	.993	.483	.707
138.	60.0	341.03	1.589	2.792	2.7753	9.243	7.751	1.964	.993	.476	.707
140.	60.0	346.88	1.582	2.812	2.7885	9.289	7.877	1.984	.994	.469	.708
142.	60.0	352.74	1.575	2.833	2.8019	9.331	8.004	2.004	.994	.462	.709
144.	60.0	358.59	1.568	2.853	2.8152	9.372	8.130	2.024	.994	.455	.710
146.	60.0	364.44	1.561	2.874	2.8285	9.414	8.257	2.044	.995	.449	.711
148.	60.0	370.29	1.555	2.894	2.8418	9.455	8.383	2.064	.995	.443	.712
150.	60.0	376.15	1.548	2.914	2.8551	9.497	8.510	2.084	.995	.437	.714

152.	60.0	382.00	1.541	2.935	2.8634	9.539	8.636	2.104	.996	.431	.715
154.	60.0	387.85	1.534	2.955	2.8817	9.580	8.763	2.124	.996	.425	.716
156.	60.0	393.70	1.527	2.976	2.8950	9.622	8.889	2.143	.996	.420	.718
158.	60.0	399.55	1.520	2.996	2.9083	9.663	9.016	2.163	.996	.414	.719
160.	60.0	405.41	1.514	3.017	2.9216	9.705	9.142	2.183	.997	.409	.720
162.	60.0	411.26	1.507	3.037	2.9349	9.746	9.269	2.203	.997	.404	.722
164.	60.0	417.11	1.500	3.058	2.9482	9.788	9.395	2.223	.997	.399	.723
166.	60.0	422.96	1.493	3.078	2.9615	9.830	9.522	2.243	.998	.394	.725
168.	60.0	428.82	1.486	3.098	2.9748	9.871	9.648	2.263	.998	.389	.727
170.	60.0	435.44	1.481	3.120	2.9865	9.922	9.791	2.281	.998	.384	.727
172.	60.0	442.05	1.476	3.142	2.9982	9.973	9.933	2.300	.998	.380	.728
174.	60.0	448.67	1.471	3.164	3.0099	10.023	10.075	2.318	.999	.375	.728
176.	60.0	455.29	1.466	3.186	3.0216	10.074	10.217	2.337	.999	.371	.729
178.	60.0	461.91	1.461	3.208	3.0334	10.124	10.359	2.355	.999	.367	.729
180.	60.0	468.53	1.456	3.230	3.0451	10.175	10.502	2.374	.999	.363	.730
185.	60.0	485.08	1.443	3.285	3.0743	10.302	10.857	2.420	1.000	.353	.732
190.	60.0	501.63	1.430	3.340	3.1036	10.423	11.213	2.466	1.000	.343	.735
195.	60.0	518.18	1.417	3.395	3.1329	10.555	11.568	2.512	1.001	.334	.737
200.	60.0	532.90	1.400	3.491	3.1615	10.655	12.071	2.558	1.001	.326	.740
205.	60.0	551.81	1.397	3.515	3.1929	10.732	12.372	2.601	1.001	.318	.739
210.	60.0	570.72	1.393	3.538	3.2242	10.809	12.674	2.643	1.001	.310	.738
215.	60.0	589.63	1.390	3.562	3.2555	10.886	12.976	2.686	1.001	.303	.737
220.	60.0	608.54	1.386	3.586	3.2869	10.962	13.277	2.728	1.001	.296	.737
225.	60.0	627.45	1.383	3.610	3.3183	11.039	13.579	2.771	1.002	.289	.737
230.	60.0	646.37	1.380	3.633	3.3496	11.115	13.881	2.814	1.002	.283	.736
235.	60.0	665.28	1.376	3.657	3.3809	11.193	14.182	2.856	1.002	.277	.736
240.	60.0	684.19	1.373	3.681	3.4123	11.270	14.484	2.899	1.002	.271	.737
245.	60.0	703.10	1.370	3.705	3.4435	11.346	14.786	2.941	1.002	.266	.737
250.	60.0	722.01	1.366	3.728	3.4750	11.423	15.087	2.984	1.002	.260	.737
255.	60.0	740.92	1.363	3.752	3.5063	11.500	15.389	3.026	1.002	.255	.738
260.	60.0	759.83	1.359	3.776	3.5377	11.577	15.691	3.069	1.002	.250	.738
265.	60.0	778.74	1.356	3.799	3.5690	11.654	15.993	3.111	1.002	.245	.739
270.	60.0	797.65	1.353	3.823	3.6003	11.730	16.294	3.154	1.003	.241	.740
275.	60.0	816.56	1.349	3.847	3.6317	11.807	16.596	3.197	1.003	.237	.741
280.	60.0	835.48	1.346	3.871	3.6630	11.884	16.898	3.239	1.003	.232	.742
285.	60.0	854.39	1.343	3.894	3.6944	11.961	17.199	3.282	1.003	.228	.743
290.	60.0	873.30	1.339	3.918	3.7257	12.037	17.501	3.324	1.003	.224	.744
295.	60.0	892.21	1.336	3.942	3.7571	12.114	17.803	3.367	1.003	.220	.745
300.	60.0	911.12	1.332	3.966	3.7884	12.191	18.104	3.409	1.003	.217	.747
305.	60.0	930.52	1.334	3.955	3.8194	12.246	18.260	3.447	1.003	.213	.747
310.	60.0	949.92	1.335	3.945	3.8504	12.301	18.416	3.484	1.003	.210	.746
315.	60.0	969.31	1.337	3.935	3.8814	12.355	18.572	3.521	1.003	.206	.746
320.	60.0	988.71	1.338	3.925	3.9124	12.410	18.727	3.558	1.003	.203	.746
325.	60.0	1008.11	1.339	3.915	3.9435	12.465	18.883	3.596	1.003	.200	.745
330.	60.0	1027.51	1.341	3.905	3.9745	12.520	19.039	3.633	1.003	.197	.745
335.	60.0	1046.91	1.342	3.895	4.0055	12.575	19.195	3.670	1.003	.194	.745
340.	60.0	1066.30	1.343	3.885	4.0365	12.629	19.351	3.707	1.003	.191	.744
345.	60.0	1085.70	1.345	3.875	4.0675	12.684	19.506	3.745	1.003	.188	.744
350.	60.0	1105.10	1.346	3.865	4.0985	12.739	19.662	3.782	1.003	.186	.743
355.	60.0	1124.50	1.347	3.855	4.1295	12.794	19.818	3.819	1.003	.183	.743
360.	60.0	1143.90	1.349	3.844	4.1605	12.848	19.974	3.856	1.003	.181	.742
365.	60.0	1163.29	1.350	3.834	4.1916	12.903	20.129	3.893	1.003	.178	.742
370.	60.0	1182.69	1.351	3.824	4.2226	12.958	20.285	3.931	1.003	.176	.741
375.	60.0	1202.09	1.353	3.814	4.2536	13.013	20.441	3.968	1.003	.173	.740
380.	60.0	1221.49	1.354	3.804	4.2846	13.068	20.597	4.005	1.003	.171	.740
385.	60.0	1240.89	1.355	3.794	4.3156	13.122	20.753	4.042	1.003	.169	.739
390.	60.0	1260.28	1.357	3.784	4.3466	13.177	20.908	4.080	1.003	.167	.738
395.	60.0	1279.68	1.358	3.774	4.3776	13.232	21.064	4.117	1.003	.165	.738
400.	60.0	1301.08	1.362	3.742	4.4222	13.398	21.448	4.163	1.003	.163	.726
420.	60.0	1372.63	1.365	3.720	4.5248	13.497	22.062	4.285	1.003	.155	.723
440.	60.0	1444.17	1.368	3.698	4.6274	13.597	22.676	4.408	1.003	.148	.719
460.	60.0	1515.72	1.370	3.677	4.7300	13.696	23.289	4.530	1.003	.141	.715

480.	60.0	1587.27	1.373	3.655	4.8326	13.796	23.903	4.652	1.003	.135	.711
500.	60.0	1658.82	1.376	3.634	4.9352	13.395	24.517	4.775	1.003	.130	.708
520.	60.0	1730.36	1.379	3.612	5.0378	13.994	25.130	4.897	1.003	.125	.704
540.	60.0	1801.91	1.381	3.591	5.1404	14.094	25.744	5.020	1.003	.120	.700
560.	60.0	1873.46	1.384	3.569	5.2430	14.193	26.358	5.142	1.003	.116	.696
580.	60.0	1945.00	1.387	3.548	5.3456	14.293	26.971	5.264	1.003	.112	.692
600.	60.0	2016.55	1.390	3.526	5.4483	14.392	27.585	5.387	1.002	.108	.689
620.	60.0	2088.10	1.393	3.504	5.5509	14.491	28.199	5.509	1.002	.105	.685
640.	60.0	2159.65	1.395	3.483	5.6535	14.591	28.812	5.632	1.002	.102	.681
660.	60.0	2230.04	1.397	3.472	5.7446	14.681	29.436	5.747	1.002	.099	.678
680.	60.0	2299.27	1.397	3.472	5.8241	14.762	30.070	5.856	1.002	.096	.676
700.	60.0	2368.50	1.397	3.473	5.9037	14.844	30.704	5.964	1.002	.093	.675
720.	60.0	2437.73	1.397	3.473	5.9832	14.925	31.338	6.073	1.002	.090	.673
740.	60.0	2506.96	1.397	3.473	6.0628	15.006	31.972	6.182	1.002	.088	.672
760.	60.0	2576.20	1.397	3.473	6.1424	15.087	32.606	6.290	1.002	.086	.670
780.	60.0	2645.43	1.397	3.474	6.2219	15.169	33.240	6.399	1.002	.083	.669
800.	60.0	2714.66	1.396	3.474	6.3015	15.250	33.874	6.508	1.002	.081	.667
820.	60.0	2783.89	1.396	3.474	6.3811	15.331	34.508	6.616	1.002	.079	.666
840.	60.0	2853.12	1.396	3.474	6.4606	15.412	35.143	6.725	1.002	.078	.665
860.	60.0	2922.36	1.396	3.475	6.5402	15.494	35.777	6.834	1.002	.076	.664
880.	60.0	2991.59	1.396	3.475	6.6197	15.575	36.411	6.942	1.002	.074	.663
900.	60.0	3060.82	1.396	3.475	6.6993	15.656	37.045	7.051	1.002	.072	.661
920.	60.0	3130.33	1.396	3.475	6.7687	15.725	37.740	7.155	1.002	.071	.659
940.	60.0	3199.85	1.396	3.475	6.8382	15.794	38.435	7.259	1.002	.069	.656
960.	60.0	3269.36	1.396	3.475	6.9076	15.863	39.129	7.363	1.002	.068	.654
980.	60.0	3338.87	1.396	3.475	6.9771	15.932	39.824	7.467	1.002	.066	.652
1000.	60.0	3408.39	1.396	3.475	7.0465	16.001	40.519	7.571	1.001	.065	.649
1050.	60.0	3582.17	1.396	3.474	7.2201	16.173	42.257	7.831	1.001	.062	.644
1100.	60.0	3755.96	1.396	3.474	7.3937	16.345	43.994	8.091	1.001	.059	.639
1150.	60.0	3929.74	1.396	3.474	7.5673	16.518	45.732	8.352	1.001	.057	.634
1200.	60.0	4104.17	1.395	3.481	7.7193	16.654	46.758	8.631	1.001	.054	.643
1250.	60.0	4278.60	1.394	3.488	7.8713	16.790	47.785	8.910	1.001	.052	.650
1300.	60.0	4453.04	1.393	3.494	8.0233	16.925	48.812	9.189	1.001	.050	.658
1350.	60.0	4627.47	1.392	3.501	8.1753	17.061	49.838	9.468	1.001	.048	.665
1400.	60.0	4799.70	1.391	3.504	8.3381	17.209	50.313	9.779	1.001	.047	.681
1450.	60.0	4977.42	1.390	3.514	8.4682	17.315	51.738	10.018	1.001	.045	.680
1500.	60.0	5155.14	1.388	3.525	8.5983	17.421	53.163	10.257	1.001	.043	.680
1550.	60.0	5332.86	1.387	3.535	8.7285	17.527	54.588	10.496	1.001	.042	.680
1600.	60.0	5510.59	1.385	3.545	8.8586	17.634	56.013	10.735	1.001	.041	.679
1650.	60.0	5688.31	1.384	3.556	8.9887	17.740	57.438	10.973	1.001	.039	.679
1700.	60.0	5866.03	1.382	3.566	9.1138	17.846	58.863	11.212	1.001	.038	.679
1750.	60.0	6043.75	1.381	3.576	9.2490	17.952	60.289	11.451	1.001	.037	.679
1800.	60.0	6221.47	1.379	3.587	9.3791	18.059	61.714	11.690	1.001	.036	.679
1850.	60.0	6399.19	1.377	3.597	9.5092	18.165	63.139	11.929	1.001	.035	.680
1900.	60.0	6576.92	1.376	3.607	9.6393	18.271	64.564	12.167	1.001	.034	.680
1950.	60.0	6754.64	1.374	3.617	9.7695	18.377	65.989	12.406	1.001	.033	.680
2000.	60.0	6932.36	1.373	3.628	9.8996	18.484	67.414	12.645	1.001	.033	.680
2050.	60.0	7117.94	1.371	3.642	10.0065	18.564	68.933	12.867	1.001	.032	.680
2100.	60.0	7303.53	1.369	3.657	10.1131	18.644	70.452	13.089	1.001	.031	.679
2150.	60.0	7489.11	1.367	3.672	10.2198	18.724	71.971	13.311	1.001	.030	.679
2200.	60.0	7674.69	1.365	3.686	10.3265	18.804	73.490	13.533	1.001	.030	.679
2250.	60.0	7860.28	1.363	3.701	10.4333	18.884	75.009	13.755	1.001	.029	.679
2300.	60.0	8045.86	1.361	3.715	10.5402	18.964	76.528	13.977	1.001	.028	.679
2350.	60.0	8231.44	1.359	3.730	10.6467	19.044	78.047	14.200	1.001	.028	.679
2400.	60.0	8417.03	1.357	3.744	10.7535	19.124	79.566	14.422	1.001	.027	.679
2450.	60.0	8602.61	1.356	3.759	10.8602	19.204	81.085	14.644	1.001	.027	.679
2500.	60.0	8788.19	1.354	3.774	10.9669	19.284	82.604	14.866	1.001	.026	.679
2550.	60.0	8973.78	1.352	3.788	11.0737	19.365	84.123	15.088	1.001	.026	.679
2600.	60.0	9159.36	1.350	3.803	11.1804	19.445	85.642	15.310	1.001	.025	.680
2650.	60.0	9353.56	1.346	3.818	11.2734	19.512	87.230	15.522	1.001	.025	.679
2700.	60.0	9547.77	1.346	3.833	11.3675	19.579	88.818	15.734	1.001	.024	.679
2750.	60.0	9741.97	1.345	3.848	11.4613	19.646	90.406	15.946	1.001	.024	.679

2800.	60.0	9936.17	1.343	3.863	11.5545	19.713	91.993	16.158	1.000	.023	.678
2850.	60.0	10130.38	1.341	3.878	11.5431	19.780	93.581	16.370	1.000	.023	.678
2900.	60.0	10324.58	1.339	3.893	11.7415	19.847	95.169	16.581	1.000	.022	.678
2950.	60.0	10518.78	1.338	3.908	11.8351	19.914	96.757	16.793	1.000	.022	.676
3000.	60.0	10712.99	1.336	3.923	11.9287	19.981	98.345	17.005	1.000	.022	.676
3050.	60.0	10907.19	1.334	3.938	12.0222	20.048	99.933	17.217	1.000	.021	.676
3100.	60.0	11101.39	1.332	3.953	12.1157	20.115	101.520	17.429	1.000	.021	.679
3150.	60.0	11295.60	1.331	3.967	12.2093	20.183	103.108	17.641	1.000	.021	.679
3200.	60.0	11489.80	1.329	3.982	12.3028	20.250	104.696	17.853	1.000	.020	.679
3250.	60.0	11697.25	1.327	4.012	12.3825	20.309	107.056	18.057	1.000	.020	.677
3300.	60.0	11904.70	1.324	4.042	12.4623	20.368	109.417	18.261	1.000	.020	.675
3350.	60.0	12112.15	1.322	4.071	12.5420	20.427	111.777	18.465	1.001	.019	.673
3400.	60.0	12319.60	1.319	4.101	12.6218	20.486	114.137	18.669	1.001	.019	.671
3450.	60.0	12527.05	1.317	4.131	12.7015	20.545	116.498	18.873	1.001	.019	.669
3500.	60.0	12734.50	1.315	4.160	12.7813	20.603	118.858	19.077	1.001	.019	.668
3550.	60.0	12941.95	1.312	4.190	12.8610	20.662	121.218	19.282	1.001	.018	.666
3600.	60.0	13149.40	1.310	4.220	12.9408	20.721	123.579	19.486	1.001	.018	.665
3650.	60.0	13356.85	1.308	4.249	13.0205	20.780	125.939	19.690	1.001	.018	.664
3700.	60.0	13564.30	1.305	4.279	13.1003	20.839	128.299	19.894	1.001	.018	.663
3750.	60.0	13771.75	1.303	4.308	13.1800	20.898	130.660	20.098	1.001	.017	.663
3800.	60.0	13999.60	1.296	4.408	13.2365	21.404	136.064	20.300	1.001	.017	.658
3850.	60.0	14233.45	1.293	4.487	13.3015	21.462	141.079	20.500	1.002	.017	.652
3900.	60.0	14467.30	1.289	4.566	13.3667	21.521	146.094	20.700	1.002	.017	.647
3950.	60.0	14701.15	1.285	4.645	13.4317	21.580	151.109	20.900	1.002	.016	.643
4000.	60.0	14935.00	1.281	4.725	13.4968	21.638	156.124	21.100	1.002	.016	.639
4050.	60.0	15168.85	1.277	4.804	13.5618	21.697	161.139	21.300	1.003	.016	.635
4100.	60.0	15402.70	1.273	4.883	13.6269	21.756	166.154	21.500	1.003	.016	.632
4150.	60.0	15636.55	1.269	4.962	13.6919	21.814	171.169	21.699	1.003	.016	.629
4200.	60.0	15870.40	1.265	5.041	13.7570	21.873	176.184	21.899	1.004	.015	.627
4250.	60.0	16149.17	1.261	5.195	13.8150	21.937	185.647	22.097	1.004	.015	.618
4300.	60.0	16427.95	1.257	5.349	13.8730	22.000	195.110	22.295	1.005	.015	.611
4350.	60.0	16706.72	1.253	5.503	13.9310	22.064	204.574	22.493	1.006	.015	.605
4400.	60.0	16985.50	1.248	5.656	13.9890	22.127	214.037	22.691	1.007	.015	.600
4450.	60.0	17264.27	1.244	5.810	14.0470	22.191	223.500	22.889	1.007	.015	.595
4500.	60.0	17543.05	1.240	5.964	14.1050	22.254	232.963	23.087	1.008	.014	.591
4550.	60.0	17821.82	1.236	6.118	14.1630	22.318	242.427	23.285	1.009	.014	.588
4600.	60.0	18100.60	1.231	6.272	14.2210	22.382	251.890	23.483	1.009	.014	.585
4650.	60.0	18468.47	1.228	6.545	14.2835	22.453	269.048	23.681	1.011	.014	.576
4700.	60.0	18836.35	1.225	6.818	14.3452	22.534	286.206	23.880	1.013	.014	.569
4750.	60.0	19204.22	1.222	7.091	14.4089	22.611	303.364	24.078	1.015	.014	.563
4800.	60.0	19572.10	1.219	7.364	14.4715	22.687	320.522	24.276	1.016	.013	.558
4850.	60.0	19939.97	1.216	7.637	14.5341	22.764	337.680	24.475	1.018	.013	.554
4900.	60.0	20307.85	1.213	7.910	14.5967	22.840	354.838	24.673	1.020	.013	.550
4950.	60.0	20675.72	1.210	8.183	14.6594	22.916	371.996	24.871	1.021	.013	.547
5000.	60.0	21043.60	1.207	8.457	14.7220	22.993	389.154	25.070	1.023	.013	.545

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP.	DENSITY	PRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	OF SOUND		* (10)**7	* (10)**7	FACTOR	*(10)**4	NUMBER
			RATIO	(BTU/ LB-DEG.R)	(10)**4 (IN/SEC)	(BTU/ LB-DEG.R)	(BTU/ IN-SEC-DEG.R)	(LB/IN-SEC)	PV/RT	(LB/CU.IN)	R=9200
36.	70.0	-109.75	1.638	2.231	4.4200	1.856	15.423	7.652	.082	25.891	1.136
38.	70.0	-104.98	1.725	2.401	4.2972	1.982	15.263	7.221	.079	25.365	1.136
40.	70.0	-100.22	1.812	2.571	4.1744	2.107	15.103	6.590	.076	24.949	1.122
42.	70.0	-94.64	1.942	2.795	4.0187	2.240	14.935	6.090	.074	24.330	1.140
44.	70.0	-89.07	2.071	3.020	3.8630	2.373	14.766	5.590	.073	23.795	1.143
46.	70.0	-82.49	2.278	3.360	3.6670	2.517	14.550	5.142	.072	23.054	1.137
48.	70.0	-75.92	2.485	3.699	3.4710	2.662	14.334	4.694	.071	22.382	1.211
50.	70.0	93.51	2.388	3.858	1.5415	6.164	4.264	.912	.771	1.974	.825
52.	70.0	100.58	2.288	3.657	1.5942	6.298	4.247	.939	.794	1.842	.808
54.	70.0	107.55	2.194	3.470	1.6452	6.428	4.234	.965	.817	1.725	.791
56.	70.0	114.53	2.100	3.283	1.6961	6.557	4.221	.991	.839	1.619	.771
58.	70.0	120.89	2.051	3.168	1.7432	6.667	4.245	1.018	.854	1.536	.765
60.	70.0	127.25	2.002	3.093	1.7843	6.777	4.269	1.045	.870	1.458	.757
62.	70.0	133.29	1.970	3.029	1.8245	6.874	4.312	1.072	.881	1.393	.753
64.	70.0	139.26	1.945	2.976	1.8659	6.984	4.381	1.100	.892	1.332	.747
66.	70.0	145.00	1.924	2.937	1.9016	7.073	4.441	1.126	.900	1.281	.744
68.	70.0	150.74	1.903	2.898	1.9373	7.162	4.501	1.152	.908	1.233	.742
70.	70.0	156.43	1.882	2.859	1.9730	7.250	4.561	1.178	.915	1.187	.738
72.	70.0	162.23	1.861	2.820	2.0087	7.339	4.621	1.204	.923	1.145	.735
74.	70.0	167.97	1.840	2.780	2.0444	7.428	4.681	1.230	.931	1.105	.731
76.	70.0	173.43	1.829	2.764	2.0750	7.497	4.758	1.256	.935	1.071	.729
78.	70.0	178.90	1.818	2.747	2.1055	7.566	4.836	1.281	.939	1.038	.728
80.	70.0	184.36	1.807	2.731	2.1363	7.635	4.914	1.306	.944	1.008	.726
82.	70.0	189.82	1.797	2.714	2.1666	7.704	4.992	1.332	.948	.979	.724
84.	70.0	195.28	1.786	2.697	2.1971	7.773	5.070	1.357	.952	.951	.722
86.	70.0	200.62	1.776	2.689	2.2244	7.833	5.158	1.381	.955	.926	.720
88.	70.0	205.97	1.770	2.681	2.2516	7.893	5.245	1.406	.958	.903	.718
90.	70.0	211.31	1.762	2.673	2.2789	7.953	5.332	1.430	.961	.880	.717
92.	70.0	216.66	1.754	2.665	2.3062	8.013	5.420	1.454	.963	.859	.715
94.	70.0	222.00	1.747	2.657	2.3335	8.073	5.507	1.479	.966	.838	.713
96.	70.0	227.30	1.740	2.655	2.3577	8.129	5.602	1.502	.968	.819	.712
98.	70.0	232.60	1.733	2.654	2.3819	8.185	5.697	1.526	.970	.800	.711
100.	70.0	237.90	1.726	2.652	2.4061	8.242	5.792	1.549	.972	.783	.709
102.	70.0	243.20	1.719	2.651	2.4303	8.298	5.886	1.572	.974	.766	.708
104.	70.0	248.35	1.713	2.642	2.4595	8.392	5.984	1.597	.976	.749	.705
106.	70.0	253.73	1.706	2.651	2.4785	8.434	6.090	1.619	.977	.735	.705
108.	70.0	259.11	1.699	2.660	2.4974	8.476	6.196	1.641	.978	.720	.704
110.	70.0	264.45	1.692	2.668	2.5164	8.519	6.302	1.663	.979	.706	.704
112.	70.0	269.87	1.685	2.677	2.5354	8.561	6.407	1.685	.980	.693	.704
114.	70.0	275.25	1.678	2.685	2.5544	8.603	6.513	1.707	.981	.680	.704
116.	70.0	280.63	1.671	2.694	2.5733	8.645	6.619	1.729	.982	.668	.704
118.	70.0	286.01	1.664	2.703	2.5923	8.688	6.724	1.751	.983	.656	.704
120.	70.0	291.35	1.657	2.712	2.6113	8.731	6.830	1.773	.984	.644	.704
122.	70.0	296.77	1.650	2.720	2.6302	8.773	6.936	1.794	.985	.633	.704
124.	70.0	302.15	1.643	2.729	2.6492	8.815	7.042	1.816	.986	.622	.704
126.	70.0	307.52	1.636	2.737	2.6682	8.858	7.147	1.838	.987	.612	.704
128.	70.0	312.91	1.628	2.745	2.6871	8.900	7.253	1.860	.988	.602	.704
130.	70.0	318.25	1.621	2.755	2.7061	8.942	7.359	1.882	.989	.592	.705
132.	70.0	323.67	1.614	2.763	2.7251	8.985	7.465	1.904	.990	.582	.705
134.	70.0	329.05	1.607	2.772	2.7441	9.027	7.570	1.926	.991	.573	.705
136.	70.0	334.43	1.600	2.781	2.7633	9.069	7.676	1.948	.992	.564	.706
138.	70.0	340.30	1.593	2.801	2.7764	9.110	7.802	1.968	.992	.556	.706
140.	70.0	346.17	1.586	2.821	2.7897	9.150	7.928	1.988	.993	.547	.707
142.	70.0	352.04	1.579	2.841	2.8031	9.191	8.053	2.007	.993	.540	.708
144.	70.0	357.90	1.572	2.862	2.8164	9.231	8.179	2.027	.993	.532	.709
146.	70.0	363.77	1.565	2.882	2.8298	9.272	8.305	2.047	.994	.524	.710
148.	70.0	369.64	1.558	2.902	2.8431	9.312	8.431	2.067	.994	.517	.712
150.	70.0	375.50	1.551	2.922	2.8564	9.353	8.557	2.087	.994	.510	.713

152.	70.0	381.37	1.544	2.943	2.8698	9.399	8.682	2.107	.995	.503	.714
154.	70.0	387.24	1.538	2.963	2.8831	9.434	8.808	2.127	.995	.496	.715
156.	70.0	393.10	1.531	2.983	2.8965	9.474	8.934	2.147	.995	.490	.717
158.	70.0	398.97	1.524	3.003	2.9093	9.514	9.060	2.167	.996	.484	.718
160.	70.0	404.84	1.517	3.023	2.9232	9.555	9.186	2.186	.996	.477	.720
162.	70.0	410.70	1.510	3.044	2.9365	9.595	9.312	2.206	.997	.471	.721
164.	70.0	416.57	1.503	3.064	2.9499	9.636	9.437	2.226	.997	.465	.723
166.	70.0	422.44	1.496	3.084	2.9632	9.676	9.563	2.246	.997	.460	.724
168.	70.0	428.30	1.489	3.104	2.9765	9.717	9.689	2.266	.998	.454	.726
170.	70.0	434.93	1.484	3.126	2.9883	9.762	9.830	2.284	.998	.449	.727
172.	70.0	441.56	1.478	3.148	3.0000	9.807	9.971	2.303	.998	.443	.727
174.	70.0	448.19	1.473	3.170	3.0117	9.852	10.113	2.321	.998	.438	.728
176.	70.0	454.82	1.468	3.192	3.0234	9.897	10.254	2.340	.998	.433	.728
178.	70.0	461.45	1.463	3.214	3.0351	9.942	10.395	2.358	.999	.428	.729
180.	70.0	468.07	1.458	3.235	3.0468	9.987	10.536	2.377	.999	.423	.730
185.	70.0	484.65	1.445	3.290	3.0761	10.109	10.889	2.423	.999	.412	.732
190.	70.0	501.22	1.432	3.345	3.1054	10.213	11.242	2.469	1.000	.400	.734
195.	70.0	517.79	1.419	3.399	3.1347	10.326	11.596	2.515	1.001	.390	.737
200.	70.0	532.55	1.401	3.495	3.1634	10.427	12.097	2.561	1.001	.380	.740
205.	70.0	551.47	1.398	3.519	3.1947	10.504	12.398	2.603	1.001	.371	.739
210.	70.0	570.40	1.395	3.542	3.2261	10.581	12.699	2.646	1.001	.362	.738
215.	70.0	589.32	1.391	3.566	3.2575	10.658	13.000	2.688	1.002	.353	.737
220.	70.0	608.25	1.388	3.589	3.2888	10.735	13.301	2.731	1.002	.345	.737
225.	70.0	627.17	1.384	3.613	3.3202	10.811	13.603	2.773	1.002	.338	.737
230.	70.0	646.10	1.381	3.637	3.3516	10.888	13.904	2.816	1.002	.330	.736
235.	70.0	665.02	1.377	3.660	3.3829	10.965	14.205	2.858	1.002	.323	.736
240.	70.0	683.95	1.374	3.684	3.4143	11.042	14.506	2.901	1.002	.316	.737
245.	70.0	702.87	1.371	3.707	3.4457	11.119	14.807	2.943	1.002	.310	.737
250.	70.0	721.79	1.367	3.731	3.4770	11.195	15.103	2.985	1.002	.304	.737
255.	70.0	740.72	1.364	3.755	3.5084	11.272	15.409	3.028	1.003	.298	.738
260.	70.0	759.64	1.360	3.778	3.5393	11.349	15.710	3.070	1.003	.292	.738
265.	70.0	778.57	1.357	3.802	3.5711	11.426	16.011	3.113	1.003	.286	.739
270.	70.0	797.49	1.353	3.826	3.6025	11.503	16.312	3.155	1.003	.281	.740
275.	70.0	816.42	1.350	3.849	3.6339	11.580	16.613	3.198	1.003	.276	.741
280.	70.0	835.34	1.347	3.873	3.6652	11.657	16.915	3.240	1.003	.271	.742
285.	70.0	854.27	1.343	3.896	3.6966	11.733	17.216	3.283	1.003	.266	.743
290.	70.0	873.19	1.340	3.920	3.7280	11.810	17.517	3.325	1.003	.261	.744
295.	70.0	892.12	1.336	3.944	3.7593	11.887	17.819	3.368	1.004	.257	.745
300.	70.0	911.04	1.333	3.967	3.7907	11.964	18.119	3.410	1.004	.253	.747
305.	70.0	930.44	1.334	3.957	3.8217	12.019	18.274	3.447	1.004	.249	.746
310.	70.0	949.85	1.336	3.947	3.8527	12.074	18.430	3.484	1.004	.245	.746
315.	70.0	969.25	1.337	3.937	3.8837	12.128	18.585	3.522	1.004	.241	.746
320.	70.0	988.65	1.338	3.927	3.9143	12.183	18.741	3.559	1.004	.237	.746
325.	70.0	1008.06	1.340	3.916	3.9453	12.238	18.896	3.596	1.004	.233	.745
330.	70.0	1027.46	1.341	3.906	3.9768	12.293	19.052	3.633	1.004	.230	.745
335.	70.0	1046.86	1.342	3.896	4.0078	12.348	19.207	3.671	1.004	.226	.745
340.	70.0	1066.27	1.344	3.886	4.0388	12.402	19.363	3.708	1.004	.223	.744
345.	70.0	1085.67	1.345	3.876	4.0698	12.457	19.518	3.745	1.004	.220	.744
350.	70.0	1105.07	1.346	3.866	4.1009	12.512	19.674	3.782	1.004	.217	.743
355.	70.0	1124.48	1.348	3.855	4.1319	12.567	19.829	3.819	1.004	.214	.743
360.	70.0	1143.88	1.349	3.846	4.1629	12.622	19.985	3.857	1.004	.211	.742
365.	70.0	1163.29	1.350	3.835	4.1939	12.676	20.140	3.894	1.004	.208	.742
370.	70.0	1182.69	1.352	3.825	4.2249	12.731	20.296	3.931	1.004	.205	.741
375.	70.0	1202.09	1.353	3.815	4.2559	12.786	20.451	3.968	1.004	.202	.740
380.	70.0	1221.50	1.354	3.805	4.2870	12.841	20.607	4.006	1.004	.199	.740
385.	70.0	1240.90	1.356	3.795	4.3180	12.896	20.762	4.043	1.004	.197	.739
390.	70.0	1260.30	1.357	3.785	4.3490	12.950	20.918	4.080	1.004	.194	.738
395.	70.0	1279.71	1.358	3.775	4.3800	13.005	21.073	4.117	1.004	.192	.737
400.	70.0	1301.11	1.362	3.742	4.4246	13.138	21.455	4.163	1.004	.190	.726
420.	70.0	1372.67	1.365	3.721	4.5272	13.254	22.070	4.285	1.004	.180	.722
440.	70.0	1444.23	1.368	3.699	4.6298	13.369	22.684	4.408	1.004	.172	.719
460.	70.0	1515.79	1.371	3.678	4.7323	13.484	23.298	4.530	1.003	.165	.715

480.	70.0	1587.34	1.373	3.656	4.3349	13.599	23.912	4.653	1.003	.158	.711
500.	70.0	1658.90	1.376	3.634	4.9375	13.714	24.526	4.775	1.003	.152	.708
520.	70.0	1730.46	1.379	3.613	5.0401	13.823	25.140	4.898	1.003	.146	.704
540.	70.0	1802.02	1.382	3.591	5.1427	13.945	25.754	5.020	1.003	.140	.700
560.	70.0	1873.58	1.384	3.570	5.2453	14.060	26.368	5.143	1.003	.135	.696
580.	70.0	1945.14	1.387	3.548	5.3479	14.175	26.982	5.265	1.003	.131	.692
600.	70.0	2016.69	1.390	3.526	5.4505	14.290	27.597	5.388	1.003	.126	.688
620.	70.0	2088.25	1.393	3.505	5.5531	14.405	28.211	5.511	1.003	.122	.685
640.	70.0	2159.81	1.395	3.483	5.6557	14.520	28.825	5.633	1.003	.119	.681
660.	70.0	2230.21	1.397	3.472	5.7467	14.620	29.449	5.749	1.003	.115	.678
680.	70.0	2299.44	1.397	3.473	5.8263	14.704	30.083	5.857	1.002	.112	.676
700.	70.0	2368.68	1.397	3.473	5.9058	14.787	30.717	5.966	1.002	.108	.675
720.	70.0	2437.92	1.397	3.473	5.9853	14.871	31.351	6.075	1.002	.105	.673
740.	70.0	2507.15	1.397	3.473	6.0649	14.955	31.985	6.183	1.002	.103	.671
760.	70.0	2576.39	1.397	3.474	6.1444	15.039	32.619	6.292	1.002	.100	.670
780.	70.0	2645.62	1.397	3.474	6.2239	15.123	33.253	6.401	1.002	.097	.669
800.	70.0	2714.86	1.397	3.474	6.3035	15.206	33.887	6.509	1.002	.095	.667
820.	70.0	2784.10	1.396	3.474	6.3830	15.290	34.521	6.618	1.002	.093	.666
840.	70.0	2853.33	1.396	3.474	6.4625	15.374	35.155	6.726	1.002	.090	.665
860.	70.0	2922.57	1.396	3.475	6.5421	15.458	35.789	6.835	1.002	.088	.664
880.	70.0	2991.80	1.396	3.475	6.6216	15.542	36.423	6.944	1.002	.086	.662
900.	70.0	3061.04	1.396	3.475	6.7011	15.625	37.057	7.052	1.002	.084	.661
920.	70.0	3130.55	1.396	3.475	6.7706	15.694	37.752	7.156	1.002	.083	.659
940.	70.0	3200.07	1.396	3.475	6.8400	15.762	38.447	7.261	1.002	.081	.656
960.	70.0	3269.59	1.396	3.475	6.9094	15.831	39.142	7.365	1.002	.079	.654
980.	70.0	3339.10	1.396	3.475	6.9788	15.899	39.837	7.469	1.002	.078	.651
1000.	70.0	3408.62	1.396	3.475	7.0483	15.968	40.532	7.573	1.002	.076	.649
1050.	70.0	3582.40	1.396	3.475	7.2218	16.139	42.270	7.833	1.002	.072	.644
1100.	70.0	3756.19	1.396	3.474	7.3954	16.310	44.008	8.093	1.002	.069	.639
1150.	70.0	3929.98	1.396	3.474	7.5689	16.482	45.745	8.353	1.002	.066	.634
1200.	70.0	4104.41	1.395	3.481	7.7209	16.618	46.770	8.632	1.001	.063	.642
1250.	70.0	4278.85	1.394	3.488	7.8728	16.754	47.794	8.911	1.001	.061	.650
1300.	70.0	4453.28	1.393	3.494	8.0243	16.890	48.818	9.190	1.001	.058	.658
1350.	70.0	4627.72	1.392	3.501	8.1767	17.026	49.843	9.469	1.001	.056	.665
1400.	70.0	4799.95	1.391	3.504	8.3395	17.173	50.313	9.779	1.001	.054	.681
1450.	70.0	4977.67	1.390	3.514	8.4696	17.279	51.738	10.018	1.001	.052	.681
1500.	70.0	5155.39	1.388	3.525	8.5997	17.386	53.163	10.257	1.001	.051	.680
1550.	70.0	5333.12	1.387	3.535	8.7298	17.492	54.588	10.496	1.001	.049	.680
1600.	70.0	5510.84	1.385	3.545	8.8599	17.598	56.013	10.735	1.001	.048	.679
1650.	70.0	5688.56	1.384	3.556	8.9900	17.704	57.438	10.973	1.001	.046	.679
1700.	70.0	5866.28	1.382	3.566	9.1201	17.811	58.863	11.212	1.001	.045	.679
1750.	70.0	6044.01	1.381	3.576	9.2502	17.917	60.289	11.451	1.001	.043	.679
1800.	70.0	6221.73	1.379	3.587	9.3803	18.023	61.714	11.690	1.001	.042	.679
1850.	70.0	6399.45	1.377	3.597	9.5104	18.129	63.139	11.929	1.001	.041	.680
1900.	70.0	6577.17	1.376	3.607	9.6405	18.235	64.564	12.167	1.001	.040	.680
1950.	70.0	6754.90	1.374	3.617	9.7706	18.342	65.989	12.406	1.001	.039	.680
2000.	70.0	6932.62	1.373	3.628	9.9007	18.448	67.414	12.645	1.001	.038	.680
2050.	70.0	7118.20	1.371	3.642	10.0074	18.528	68.933	12.867	1.001	.037	.680
2100.	70.0	7303.79	1.369	3.657	10.1141	18.608	70.452	13.089	1.001	.036	.679
2150.	70.0	7489.37	1.367	3.672	10.2208	18.688	71.971	13.311	1.001	.035	.679
2200.	70.0	7674.95	1.365	3.686	10.3276	18.769	73.490	13.533	1.001	.035	.679
2250.	70.0	7860.54	1.363	3.701	10.4343	18.849	75.009	13.755	1.001	.034	.679
2300.	70.0	8046.12	1.361	3.715	10.5410	18.929	76.528	13.977	1.001	.033	.679
2350.	70.0	8231.70	1.359	3.730	10.6477	19.009	78.047	14.200	1.001	.032	.679
2400.	70.0	8417.29	1.357	3.744	10.7544	19.089	79.566	14.422	1.001	.032	.679
2450.	70.0	8602.87	1.356	3.759	10.8611	19.169	81.085	14.644	1.001	.031	.679
2500.	70.0	8788.45	1.354	3.774	10.9677	19.249	82.604	14.866	1.001	.030	.679
2550.	70.0	8974.04	1.352	3.788	11.0745	19.329	84.123	15.088	1.001	.030	.679
2600.	70.0	9159.62	1.350	3.803	11.1813	19.409	85.642	15.310	1.001	.029	.680
2650.	70.0	9353.83	1.348	3.818	11.2748	19.475	87.229	15.522	1.001	.029	.679
2700.	70.0	9548.03	1.346	3.833	11.3683	19.543	88.817	15.734	1.001	.028	.679
2750.	70.0	9742.24	1.345	3.848	11.4619	19.610	90.404	15.946	1.001	.028	.679

2800.	70.0	9936.45	1.343	3.863	11.5554	19.673	91.992	16.158	1.001	.027	.678
2850.	70.0	10130.65	1.341	3.878	11.6489	19.745	93.579	16.370	1.001	.027	.678
2900.	70.0	10324.85	1.339	3.893	11.7424	19.812	95.167	16.581	1.001	.026	.678
2950.	70.0	10519.07	1.338	3.907	11.8360	19.879	96.754	16.793	1.001	.026	.678
3000.	70.0	10713.27	1.336	3.922	11.9295	19.946	98.342	17.005	1.001	.025	.678
3050.	70.0	10907.48	1.334	3.937	12.0230	20.013	99.929	17.217	1.001	.025	.678
3100.	70.0	11101.69	1.332	3.952	12.1155	20.080	101.517	17.429	1.001	.025	.679
3150.	70.0	11295.89	1.331	3.967	12.2101	20.147	103.104	17.641	1.001	.024	.679
3200.	70.0	11490.10	1.329	3.982	12.3035	20.214	104.692	17.853	1.000	.024	.679
3250.	70.0	11697.50	1.327	4.012	12.3834	20.273	107.045	18.057	1.001	.023	.677
3300.	70.0	11904.90	1.324	4.041	12.4632	20.332	109.398	18.261	1.001	.023	.675
3350.	70.0	12112.30	1.322	4.071	12.5430	20.391	111.751	18.465	1.001	.023	.673
3400.	70.0	12319.70	1.320	4.100	12.6228	20.450	114.105	18.669	1.001	.022	.671
3450.	70.0	12527.10	1.317	4.130	12.7026	20.509	116.458	18.873	1.001	.022	.669
3500.	70.0	12734.50	1.315	4.159	12.7823	20.568	118.811	19.077	1.001	.022	.668
3550.	70.0	12941.90	1.313	4.189	12.8621	20.627	121.164	19.282	1.001	.021	.667
3600.	70.0	13149.30	1.310	4.213	12.9419	20.686	123.517	19.486	1.001	.021	.665
3650.	70.0	13356.70	1.308	4.248	13.0217	20.745	125.870	19.690	1.001	.021	.664
3700.	70.0	13564.10	1.306	4.277	13.1015	20.804	128.224	19.894	1.001	.021	.664
3750.	70.0	13771.50	1.303	4.307	13.1813	20.863	130.577	20.098	1.001	.020	.663
3800.	70.0	13992.20	1.298	4.381	13.2452	21.205	134.878	20.300	1.001	.020	.659
3850.	70.0	14223.65	1.294	4.454	13.3113	21.263	139.579	20.500	1.001	.020	.654
3900.	70.0	14455.10	1.291	4.527	13.3774	21.321	144.280	20.700	1.002	.019	.649
3950.	70.0	14686.55	1.287	4.600	13.4435	21.379	148.982	20.900	1.002	.019	.645
4000.	70.0	14918.00	1.283	4.673	13.5096	21.438	153.683	21.099	1.002	.019	.642
4050.	70.0	15149.45	1.280	4.746	13.5757	21.495	158.384	21.299	1.003	.019	.638
4100.	70.0	15380.90	1.276	4.818	13.6418	21.554	163.085	21.499	1.003	.019	.635
4150.	70.0	15612.35	1.272	4.891	13.7079	21.612	167.787	21.699	1.003	.018	.633
4200.	70.0	15843.80	1.269	4.964	13.7740	21.670	172.488	21.899	1.003	.018	.630
4250.	70.0	16116.47	1.265	5.105	13.8326	21.732	181.238	22.097	1.004	.018	.622
4300.	70.0	16389.15	1.260	5.246	13.8912	21.794	189.988	22.294	1.005	.018	.616
4350.	70.0	16661.82	1.256	5.386	13.9499	21.855	198.739	22.492	1.005	.017	.610
4400.	70.0	16934.50	1.252	5.527	14.0085	21.919	207.489	22.690	1.006	.017	.604
4450.	70.0	17207.17	1.248	5.668	14.0671	21.981	216.239	22.888	1.007	.017	.600
4500.	70.0	17479.85	1.244	5.809	14.1257	22.043	224.989	23.085	1.007	.017	.596
4550.	70.0	17752.52	1.240	5.949	14.1844	22.105	233.740	23.283	1.008	.017	.593
4600.	70.0	18025.20	1.236	6.090	14.2430	22.167	242.490	23.481	1.009	.016	.590
4650.	70.0	18379.20	1.232	6.339	14.3049	22.241	258.270	23.679	1.010	.016	.581
4700.	70.0	18733.20	1.229	6.588	14.3667	22.314	274.049	23.877	1.012	.016	.574
4750.	70.0	19087.20	1.226	6.837	14.4285	22.388	289.829	24.075	1.013	.016	.568
4800.	70.0	19441.20	1.223	7.086	14.4905	22.461	305.609	24.273	1.015	.016	.563
4850.	70.0	19795.20	1.220	7.336	14.5524	22.535	321.389	24.470	1.016	.015	.559
4900.	70.0	20149.20	1.217	7.585	14.6142	22.608	337.168	24.668	1.018	.015	.555
4950.	70.0	20503.20	1.214	7.834	14.6761	22.682	352.948	24.866	1.019	.015	.552
5000.	70.0	20857.20	1.210	8.083	14.7380	22.756	368.728	25.064	1.021	.015	.549

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	CGMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	80.0	-109.46	1.634	2.225	4.4345	1.852	15.443	7.892	.093	25.922	1.137
38.	80.0	-104.72	1.719	2.392	4.3129	1.978	15.283	7.258	.090	25.401	1.136
40.	80.0	-99.97	1.804	2.559	4.1913	2.103	15.123	6.623	.087	24.989	1.121
42.	80.0	-94.46	1.929	2.776	4.0395	2.235	14.957	6.120	.085	24.381	1.136
44.	80.0	-88.94	2.053	2.993	3.8878	2.366	14.791	5.616	.083	23.856	1.137
46.	80.0	-82.23	2.266	3.342	3.6881	2.512	14.570	5.178	.082	23.091	1.188
48.	80.0	-75.52	2.479	3.690	3.4884	2.657	14.348	4.739	.081	22.396	1.219
50.	80.0	-68.41	2.574	4.226	1.5156	5.971	4.635	.929	.736	2.363	.847
52.	80.0	-61.73	2.458	3.994	1.5687	6.103	4.597	.954	.761	2.197	.829
54.	80.0	-55.04	2.342	3.762	1.6217	6.233	4.560	.979	.786	2.048	.808
56.	80.0	-48.35	2.226	3.530	1.6748	6.373	4.523	1.004	.811	1.914	.784
58.	80.0	-41.66	2.153	3.387	1.7215	6.489	4.521	1.030	.830	1.807	.772
60.	80.0	-34.97	2.081	3.245	1.7683	6.605	4.518	1.056	.848	1.708	.758
62.	80.0	-28.28	2.037	3.155	1.8134	6.707	4.543	1.082	.862	1.627	.751
64.	80.0	-21.59	2.000	3.078	1.8537	6.827	4.593	1.109	.876	1.551	.743
66.	80.0	-14.90	1.974	3.029	1.8935	6.916	4.642	1.135	.885	1.489	.740
68.	80.0	-8.21	1.948	2.980	1.9274	7.004	4.690	1.160	.894	1.431	.737
70.	80.0	-1.52	1.922	2.931	1.9642	7.093	4.738	1.186	.903	1.376	.734
72.	80.0	5.17	1.896	2.882	2.0011	7.182	4.787	1.212	.912	1.325	.730
74.	80.0	11.88	1.870	2.834	2.0383	7.271	4.835	1.238	.920	1.277	.725
76.	80.0	18.59	1.857	2.814	2.0690	7.341	4.906	1.263	.925	1.236	.724
78.	80.0	25.30	1.844	2.793	2.1001	7.411	4.977	1.288	.930	1.198	.723
80.	80.0	32.01	1.832	2.773	2.1311	7.481	5.049	1.313	.935	1.162	.721
82.	80.0	38.72	1.819	2.753	2.1622	7.551	5.120	1.338	.940	1.128	.720
84.	80.0	45.43	1.806	2.733	2.1932	7.621	5.191	1.363	.945	1.095	.718
86.	80.0	52.14	1.797	2.723	2.2209	7.682	5.274	1.387	.949	1.066	.716
88.	80.0	58.85	1.788	2.713	2.2485	7.743	5.357	1.411	.952	1.038	.715
90.	80.0	65.56	1.779	2.703	2.2762	7.803	5.440	1.436	.955	1.012	.713
92.	80.0	72.27	1.770	2.693	2.3039	7.864	5.523	1.460	.958	.986	.712
94.	80.0	78.98	1.761	2.683	2.3315	7.925	5.605	1.484	.961	.962	.710
96.	80.0	85.69	1.753	2.680	2.3560	7.980	5.697	1.507	.964	.940	.709
98.	80.0	92.40	1.746	2.677	2.3834	8.036	5.789	1.531	.966	.919	.708
100.	80.0	99.11	1.738	2.674	2.4048	8.091	5.880	1.554	.968	.898	.707
102.	80.0	105.82	1.731	2.672	2.4292	8.147	5.972	1.577	.970	.879	.706
104.	80.0	112.53	1.723	2.661	2.4584	8.223	6.057	1.602	.973	.859	.704
106.	80.0	119.24	1.716	2.669	2.4775	8.265	6.161	1.624	.974	.842	.703
108.	80.0	125.95	1.708	2.677	2.4965	8.303	6.266	1.646	.975	.826	.703
110.	80.0	132.66	1.701	2.685	2.5157	8.354	6.370	1.667	.976	.810	.703
112.	80.0	139.37	1.694	2.693	2.5348	8.398	6.475	1.689	.977	.794	.703
114.	80.0	146.08	1.686	2.701	2.5539	8.443	6.579	1.711	.978	.780	.703
116.	80.0	152.79	1.679	2.709	2.5730	8.487	6.683	1.733	.980	.765	.702
118.	80.0	159.50	1.671	2.717	2.5921	8.532	6.788	1.755	.981	.751	.703
120.	80.0	166.21	1.664	2.725	2.6112	8.577	6.892	1.777	.982	.738	.703
122.	80.0	172.92	1.657	2.733	2.6303	8.621	6.997	1.799	.983	.725	.703
124.	80.0	179.63	1.649	2.742	2.6494	8.666	7.101	1.820	.984	.713	.703
126.	80.0	186.34	1.642	2.750	2.6685	8.710	7.205	1.842	.985	.700	.703
128.	80.0	193.05	1.634	2.758	2.6876	8.755	7.310	1.864	.986	.689	.703
130.	80.0	199.76	1.627	2.765	2.7067	8.799	7.414	1.886	.988	.677	.704
132.	80.0	206.47	1.620	2.774	2.7258	8.844	7.519	1.908	.989	.666	.704
134.	80.0	213.18	1.612	2.782	2.7449	8.888	7.623	1.930	.990	.656	.704
136.	80.0	219.89	1.605	2.790	2.7640	8.933	7.727	1.951	.991	.645	.705
138.	80.0	226.60	1.598	2.810	2.7774	8.972	7.853	1.971	.991	.636	.705
140.	80.0	233.31	1.591	2.830	2.7908	9.012	7.976	1.991	.992	.626	.706
142.	80.0	240.02	1.583	2.850	2.8042	9.051	8.103	2.011	.992	.617	.707
144.	80.0	246.73	1.576	2.870	2.8176	9.090	8.228	2.031	.992	.608	.708
146.	80.0	253.44	1.569	2.890	2.8310	9.130	8.353	2.051	.993	.600	.710
148.	80.0	260.15	1.562	2.910	2.8444	9.169	8.478	2.071	.993	.592	.711
150.	80.0	266.86	1.555	2.930	2.8577	9.208	8.603	2.090	.994	.583	.712

152.	80.0	380.74	1.548	2.950	2.8711	9.248	8.729	2.110	.994	.575	.713
154.	80.0	386.62	1.541	2.970	2.8845	9.287	8.854	2.130	.994	.568	.715
156.	80.0	392.50	1.534	2.990	2.8973	9.326	8.979	2.150	.995	.560	.716
158.	80.0	398.38	1.527	3.010	2.9113	9.366	9.104	2.170	.995	.553	.717
160.	80.0	404.26	1.520	3.030	2.9247	9.405	9.229	2.190	.996	.546	.719
162.	80.0	410.14	1.512	3.050	2.9381	9.444	9.354	2.209	.996	.539	.720
164.	80.0	416.03	1.505	3.070	2.9515	9.484	9.479	2.229	.996	.532	.722
166.	80.0	421.91	1.498	3.090	2.9649	9.523	9.604	2.249	.997	.526	.724
168.	80.0	427.79	1.491	3.110	2.9783	9.562	9.730	2.269	.997	.519	.725
170.	80.0	434.43	1.486	3.132	2.9900	9.602	9.870	2.287	.997	.513	.726
172.	80.0	441.06	1.481	3.154	3.0017	9.641	10.010	2.306	.998	.507	.726
174.	80.0	447.70	1.476	3.176	3.0134	9.681	10.150	2.324	.998	.501	.727
176.	80.0	454.34	1.470	3.197	3.0251	9.721	10.291	2.343	.998	.495	.728
178.	80.0	460.98	1.465	3.219	3.0368	9.760	10.431	2.361	.998	.489	.729
180.	80.0	467.62	1.460	3.241	3.0485	9.800	10.571	2.379	.999	.484	.729
185.	80.0	484.21	1.447	3.295	3.0778	9.899	10.922	2.425	.999	.470	.732
190.	80.0	500.81	1.434	3.349	3.1071	9.998	11.272	2.471	1.000	.458	.734
195.	80.0	517.41	1.421	3.404	3.1364	10.096	11.623	2.517	1.001	.446	.737
200.	80.0	532.20	1.403	3.499	3.1652	10.199	12.123	2.564	1.001	.434	.740
205.	80.0	551.14	1.399	3.523	3.1965	10.276	12.424	2.606	1.001	.424	.739
210.	80.0	570.08	1.396	3.546	3.2280	10.353	12.724	2.648	1.002	.413	.738
215.	80.0	589.01	1.392	3.570	3.2594	10.430	13.025	2.691	1.002	.404	.737
220.	80.0	607.95	1.389	3.593	3.2908	10.507	13.325	2.733	1.002	.395	.737
225.	80.0	626.89	1.385	3.617	3.3222	10.584	13.626	2.775	1.002	.386	.737
230.	80.0	645.83	1.382	3.640	3.3536	10.660	13.926	2.818	1.002	.377	.736
235.	80.0	664.77	1.378	3.663	3.3849	10.737	14.227	2.860	1.002	.369	.736
240.	80.0	683.70	1.375	3.687	3.4163	10.814	14.527	2.902	1.002	.361	.737
245.	80.0	702.64	1.371	3.710	3.4477	10.891	14.828	2.945	1.003	.354	.737
250.	80.0	721.58	1.368	3.734	3.4791	10.968	15.128	2.987	1.003	.347	.737
255.	80.0	740.52	1.365	3.757	3.5105	11.045	15.429	3.029	1.003	.340	.738
260.	80.0	759.46	1.361	3.781	3.5419	11.122	15.730	3.072	1.003	.333	.738
265.	80.0	778.39	1.358	3.804	3.5733	11.199	16.030	3.114	1.003	.327	.739
270.	80.0	797.33	1.354	3.828	3.6047	11.276	16.331	3.157	1.003	.321	.740
275.	80.0	816.27	1.351	3.851	3.6361	11.353	16.631	3.199	1.003	.315	.741
280.	80.0	835.21	1.347	3.875	3.6674	11.429	16.932	3.241	1.004	.309	.742
285.	80.0	854.15	1.344	3.898	3.6988	11.506	17.232	3.284	1.004	.304	.743
290.	80.0	873.08	1.340	3.922	3.7302	11.583	17.533	3.326	1.004	.299	.744
295.	80.0	892.02	1.337	3.945	3.7616	11.660	17.833	3.368	1.004	.294	.745
300.	80.0	910.96	1.333	3.969	3.7930	11.737	18.134	3.411	1.004	.289	.746
305.	80.0	930.37	1.335	3.959	3.8240	11.792	18.289	3.448	1.004	.284	.746
310.	80.0	949.78	1.336	3.948	3.8550	11.847	18.444	3.485	1.004	.279	.746
315.	80.0	969.19	1.337	3.938	3.8861	11.901	18.599	3.522	1.004	.275	.746
320.	80.0	988.60	1.339	3.928	3.9171	11.956	18.754	3.559	1.004	.271	.745
325.	80.0	1008.00	1.340	3.918	3.9481	12.011	18.910	3.597	1.004	.266	.745
330.	80.0	1027.41	1.341	3.908	3.9791	12.066	19.065	3.634	1.004	.262	.745
335.	80.0	1046.82	1.343	3.897	4.0101	12.121	19.220	3.671	1.004	.258	.744
340.	80.0	1066.23	1.344	3.887	4.0412	12.175	19.375	3.708	1.004	.255	.744
345.	80.0	1085.64	1.345	3.877	4.0722	12.230	19.531	3.745	1.004	.251	.744
350.	80.0	1105.05	1.347	3.867	4.1032	12.285	19.686	3.783	1.004	.247	.743
355.	80.0	1124.45	1.348	3.857	4.1342	12.340	19.841	3.820	1.004	.244	.743
360.	80.0	1143.87	1.349	3.847	4.1653	12.395	19.996	3.857	1.004	.241	.742
365.	80.0	1163.28	1.351	3.836	4.1963	12.450	20.151	3.894	1.004	.237	.741
370.	80.0	1182.69	1.352	3.826	4.2273	12.504	20.307	3.931	1.004	.234	.741
375.	80.0	1202.09	1.353	3.816	4.2583	12.559	20.462	3.969	1.004	.231	.740
380.	80.0	1221.50	1.355	3.806	4.2893	12.614	20.617	4.006	1.004	.228	.739
385.	80.0	1240.91	1.356	3.796	4.3204	12.669	20.772	4.043	1.004	.225	.739
390.	80.0	1260.32	1.357	3.786	4.3514	12.724	20.928	4.080	1.004	.222	.738
395.	80.0	1279.73	1.359	3.775	4.3824	12.779	21.083	4.117	1.004	.219	.737
400.	80.0	1301.14	1.362	3.743	4.4270	12.879	21.463	4.163	1.004	.216	.726
420.	80.0	1372.71	1.365	3.722	4.5296	13.010	22.077	4.285	1.004	.206	.722
440.	80.0	1444.28	1.368	3.700	4.6321	13.141	22.692	4.408	1.004	.197	.719
460.	80.0	1515.85	1.371	3.678	4.7347	13.272	23.306	4.531	1.004	.188	.715

480.	80.0	1587.42	1.373	3.657	4.8373	13.403	23.921	4.653	1.004	.180	.711
500.	80.0	1658.99	1.376	3.635	4.9398	13.533	24.535	4.776	1.004	.173	.708
520.	80.0	1730.56	1.379	3.613	5.0424	13.664	25.150	4.899	1.004	.167	.704
540.	80.0	1802.13	1.382	3.592	5.1450	13.795	25.765	5.021	1.003	.160	.700
560.	80.0	1873.70	1.384	3.570	5.2475	13.926	26.379	5.144	1.003	.155	.696
580.	80.0	1945.27	1.387	3.548	5.3501	14.057	26.994	5.266	1.003	.149	.692
600.	80.0	2016.84	1.390	3.527	5.4527	14.188	27.608	5.389	1.003	.144	.688
620.	80.0	2088.41	1.393	3.505	5.5553	14.319	28.223	5.512	1.003	.140	.685
640.	80.0	2159.98	1.395	3.483	5.6579	14.450	28.837	5.634	1.003	.135	.681
660.	80.0	2230.38	1.397	3.473	5.7489	14.558	29.462	5.750	1.003	.131	.678
680.	80.0	2299.62	1.397	3.473	5.8284	14.645	30.096	5.859	1.003	.128	.676
700.	80.0	2368.86	1.397	3.473	5.9079	14.731	30.730	5.967	1.003	.124	.674
720.	80.0	2438.10	1.397	3.473	5.9874	14.817	31.364	6.076	1.003	.120	.673
740.	80.0	2507.34	1.397	3.474	6.0669	14.904	31.998	6.185	1.003	.117	.671
760.	80.0	2576.58	1.397	3.474	6.1464	14.990	32.632	6.293	1.003	.114	.670
780.	80.0	2645.82	1.397	3.474	6.2259	15.076	33.266	6.402	1.003	.111	.669
800.	80.0	2715.06	1.397	3.474	6.3055	15.163	33.900	6.511	1.002	.108	.667
820.	80.0	2784.30	1.397	3.474	6.3850	15.249	34.534	6.619	1.002	.106	.666
840.	80.0	2853.54	1.396	3.475	6.4645	15.336	35.168	6.728	1.002	.103	.665
860.	80.0	2922.78	1.396	3.475	6.5440	15.422	35.802	6.837	1.002	.101	.664
880.	80.0	2992.02	1.396	3.475	6.6235	15.508	36.436	6.945	1.002	.099	.662
900.	80.0	3061.26	1.396	3.475	6.7030	15.595	37.070	7.054	1.002	.096	.661
920.	80.0	3130.78	1.396	3.475	6.7724	15.663	37.765	7.158	1.002	.094	.659
940.	80.0	3200.29	1.396	3.475	6.8418	15.731	38.460	7.262	1.002	.092	.656
960.	80.0	3269.81	1.396	3.475	6.9112	15.799	39.155	7.366	1.002	.090	.654
980.	80.0	3339.33	1.396	3.475	6.9806	15.867	39.850	7.470	1.002	.089	.651
1000.	80.0	3408.84	1.396	3.475	7.0500	15.935	40.545	7.574	1.002	.087	.649
1050.	80.0	3582.64	1.396	3.475	7.2235	16.105	42.283	7.835	1.002	.083	.644
1100.	80.0	3756.43	1.396	3.474	7.3970	16.275	44.021	8.095	1.002	.079	.639
1150.	80.0	3930.22	1.396	3.474	7.5706	16.445	45.759	8.355	1.002	.075	.634
1200.	80.0	4104.66	1.395	3.481	7.7225	16.582	46.781	8.634	1.002	.072	.642
1250.	80.0	4279.09	1.394	3.488	7.8744	16.718	47.803	8.912	1.002	.069	.650
1300.	80.0	4453.53	1.393	3.494	8.0263	16.854	48.825	9.191	1.002	.067	.658
1350.	80.0	4627.96	1.392	3.501	8.1782	16.990	49.847	9.469	1.001	.064	.665
1400.	80.0	4800.20	1.391	3.504	8.3409	17.138	50.813	9.779	1.001	.062	.681
1450.	80.0	4977.92	1.390	3.514	8.4710	17.244	51.738	10.018	1.001	.060	.681
1500.	80.0	5155.65	1.388	3.525	8.6010	17.350	53.163	10.257	1.001	.058	.680
1550.	80.0	5333.37	1.387	3.535	8.7311	17.457	54.588	10.496	1.001	.056	.680
1600.	80.0	5511.09	1.385	3.545	8.8612	17.563	56.013	10.735	1.001	.054	.679
1650.	80.0	5688.82	1.384	3.556	8.9913	17.669	57.438	10.973	1.001	.053	.679
1700.	80.0	5866.54	1.382	3.566	9.1213	17.775	58.863	11.212	1.001	.051	.679
1750.	80.0	6044.26	1.381	3.576	9.2514	17.882	60.289	11.451	1.001	.050	.679
1800.	80.0	6221.99	1.379	3.587	9.3815	17.988	61.714	11.690	1.001	.048	.679
1850.	80.0	6399.71	1.377	3.597	9.5115	18.094	63.139	11.929	1.001	.047	.680
1900.	80.0	6577.43	1.376	3.607	9.6416	18.200	64.564	12.167	1.001	.046	.680
1950.	80.0	6755.16	1.374	3.617	9.7717	18.307	65.989	12.406	1.001	.045	.680
2000.	80.0	6932.88	1.373	3.628	9.9018	18.413	67.414	12.645	1.001	.043	.680
2050.	80.0	7118.46	1.371	3.642	10.0085	18.493	68.933	12.867	1.001	.042	.680
2100.	80.0	7304.05	1.369	3.657	10.1152	18.573	70.452	13.089	1.001	.041	.679
2150.	80.0	7489.63	1.367	3.672	10.2219	18.653	71.971	13.311	1.001	.040	.679
2200.	80.0	7675.21	1.365	3.686	10.3286	18.733	73.490	13.533	1.001	.039	.679
2250.	80.0	7860.80	1.363	3.701	10.4353	18.813	75.009	13.755	1.001	.039	.679
2300.	80.0	8046.38	1.361	3.715	10.5420	18.893	76.528	13.977	1.001	.038	.679
2350.	80.0	8231.96	1.359	3.730	10.6487	18.973	78.047	14.200	1.001	.037	.679
2400.	80.0	8417.55	1.357	3.744	10.7554	19.053	79.566	14.422	1.001	.036	.679
2450.	80.0	8603.13	1.356	3.759	10.8621	19.134	81.085	14.644	1.001	.035	.679
2500.	80.0	8788.71	1.354	3.774	10.9688	19.214	82.604	14.866	1.001	.035	.679
2550.	80.0	8974.30	1.352	3.788	11.0755	19.294	84.123	15.088	1.001	.034	.679
2600.	80.0	9159.88	1.350	3.803	11.1822	19.374	85.642	15.310	1.001	.033	.680
2650.	80.0	9354.09	1.348	3.818	11.2757	19.441	87.229	15.522	1.001	.033	.679
2700.	80.0	9548.30	1.346	3.833	11.3692	19.508	88.816	15.734	1.001	.032	.679
2750.	80.0	9742.51	1.345	3.848	11.4627	19.575	90.403	15.946	1.001	.032	.679

2800.	80.0	9936.72	1.343	3.863	11.5563	19.642	91.990	16.158	1.001	.031	.678
2850.	80.0	10130.93	1.341	3.877	11.6498	19.709	93.578	16.370	1.001	.030	.678
2900.	80.0	10325.14	1.339	3.892	11.7433	19.776	95.165	16.581	1.001	.030	.678
2950.	80.0	10519.35	1.338	3.907	11.8368	19.843	96.752	16.793	1.001	.029	.678
3000.	80.0	10713.56	1.336	3.922	11.9303	19.910	98.339	17.005	1.001	.029	.678
3050.	80.0	10907.77	1.334	3.937	12.0238	19.978	99.926	17.217	1.001	.028	.678
3100.	80.0	11101.98	1.332	3.952	12.1174	20.045	101.514	17.429	1.001	.028	.679
3150.	80.0	11296.19	1.331	3.967	12.2109	20.112	103.101	17.641	1.001	.028	.679
3200.	80.0	11490.40	1.329	3.982	12.3044	20.179	104.688	17.853	1.001	.027	.679
3250.	80.0	11697.75	1.327	4.012	12.3842	20.238	107.034	18.057	1.001	.027	.677
3300.	80.0	11905.10	1.324	4.041	12.4641	20.297	109.380	18.261	1.001	.026	.675
3350.	80.0	12112.45	1.322	4.070	12.5439	20.356	111.726	18.465	1.001	.026	.673
3400.	80.0	12319.80	1.320	4.099	12.6237	20.415	114.072	18.669	1.001	.026	.671
3450.	80.0	12527.15	1.317	4.129	12.7036	20.474	116.418	18.873	1.001	.025	.669
3500.	80.0	12734.50	1.315	4.158	12.7834	20.532	118.764	19.077	1.001	.025	.668
3550.	80.0	12941.85	1.313	4.187	12.8632	20.591	121.110	19.282	1.001	.024	.667
3600.	80.0	13149.20	1.310	4.217	12.9431	20.650	123.456	19.486	1.001	.024	.666
3650.	80.0	13356.55	1.308	4.246	13.0229	20.709	125.802	19.690	1.001	.024	.665
3700.	80.0	13563.90	1.306	4.275	13.1027	20.768	128.148	19.894	1.001	.023	.664
3750.	80.0	13771.25	1.303	4.305	13.1826	20.827	130.494	20.098	1.001	.023	.663
3800.	80.0	13984.80	1.300	4.354	13.2533	21.007	133.692	20.300	1.001	.023	.661
3850.	80.0	14213.85	1.296	4.421	13.3209	21.064	138.079	20.500	1.001	.023	.656
3900.	80.0	14442.90	1.293	4.487	13.3881	21.122	142.467	20.700	1.002	.022	.652
3950.	80.0	14671.95	1.289	4.554	13.4552	21.179	146.854	20.899	1.002	.022	.648
4000.	80.0	14901.00	1.286	4.621	13.5224	21.237	151.242	21.099	1.002	.022	.645
4050.	80.0	15130.05	1.282	4.687	13.5895	21.294	155.629	21.299	1.002	.021	.641
4100.	80.0	15359.10	1.279	4.754	13.6567	21.352	150.017	21.499	1.003	.021	.639
4150.	80.0	15588.15	1.275	4.821	13.7238	21.409	164.404	21.698	1.003	.021	.636
4200.	80.0	15817.20	1.272	4.887	13.7910	21.467	168.792	21.898	1.003	.021	.634
4250.	80.0	16083.77	1.268	5.015	13.8502	21.528	176.829	22.096	1.004	.020	.627
4300.	80.0	16350.35	1.264	5.142	13.9095	21.588	184.866	22.293	1.004	.020	.620
4350.	80.0	16616.92	1.260	5.270	13.9687	21.649	192.904	22.491	1.005	.020	.614
4400.	80.0	16883.50	1.256	5.398	14.0290	21.710	200.941	22.689	1.005	.020	.609
4450.	80.0	17150.07	1.252	5.525	14.0872	21.771	208.978	22.886	1.006	.019	.605
4500.	80.0	17416.65	1.248	5.653	14.1465	21.831	217.015	23.084	1.006	.019	.601
4550.	80.0	17683.22	1.244	5.780	14.2057	21.892	225.053	23.281	1.007	.019	.598
4600.	80.0	17949.80	1.240	5.908	14.2650	21.953	233.090	23.479	1.008	.019	.595
4650.	80.0	18289.92	1.237	6.133	14.3261	22.023	247.491	23.676	1.009	.019	.587
4700.	80.0	18630.05	1.233	6.358	14.3872	22.094	261.893	23.874	1.010	.018	.580
4750.	80.0	18970.17	1.230	6.584	14.4484	22.165	276.294	24.071	1.012	.018	.574
4800.	80.0	19310.30	1.227	6.809	14.5095	22.236	290.696	24.269	1.013	.018	.568
4850.	80.0	19650.42	1.224	7.034	14.5705	22.306	305.097	24.466	1.014	.018	.564
4900.	80.0	19990.55	1.221	7.259	14.6317	22.377	319.499	24.664	1.016	.017	.560
4950.	80.0	20330.67	1.217	7.484	14.6929	22.448	333.900	24.861	1.017	.017	.557
5000.	80.0	20670.80	1.214	7.709	14.7540	22.518	348.302	25.059	1.018	.017	.555

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT (LB/CU.IN)	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	90.0	-109.18	1.631	2.219	4.4485	1.849	15.462	7.930	.105	25.555	1.138
38.	90.0	-104.44	1.714	2.383	4.3285	1.974	15.302	7.295	.101	25.438	1.136
40.	90.0	-99.71	1.797	2.548	4.2084	2.099	15.143	6.660	.098	25.031	1.120
42.	90.0	-94.22	1.920	2.763	4.0586	2.230	14.979	6.157	.095	24.427	1.136
44.	90.0	-88.72	2.043	2.978	3.9089	2.361	14.814	5.654	.093	23.906	1.137
46.	90.0	-82.13	2.238	3.299	3.7162	2.504	14.602	5.218	.092	23.167	1.179
48.	90.0	-75.55	2.434	3.620	3.5235	2.647	14.389	4.781	.091	22.497	1.203
50.	90.0	-67.72	2.794	4.206	3.2729	2.808	14.099	4.351	.091	21.592	1.298
52.	90.0	90.76	2.657	4.388	1.5456	5.935	4.976	.972	.730	2.579	.857
54.	90.0	98.26	2.526	4.126	1.5985	5.068	4.923	.996	.755	2.398	.834
56.	90.0	105.77	2.394	3.863	1.6516	6.202	4.870	1.020	.781	2.236	.809
58.	90.0	112.99	2.285	3.646	1.7014	6.327	4.835	1.044	.804	2.099	.787
60.	90.0	120.21	2.175	3.428	1.7513	6.451	4.799	1.068	.826	1.973	.763
62.	90.0	126.78	2.116	3.304	1.7957	6.557	4.802	1.093	.842	1.874	.752
64.	90.0	133.43	2.056	3.180	1.8414	6.670	4.806	1.118	.859	1.779	.740
66.	90.0	139.48	2.025	3.121	1.8794	6.759	4.843	1.143	.869	1.705	.737
68.	90.0	145.52	1.993	3.062	1.9174	6.847	4.879	1.169	.880	1.636	.734
70.	90.0	151.57	1.962	3.004	1.9554	6.936	4.916	1.194	.890	1.571	.730
72.	90.0	157.61	1.931	2.945	1.9935	7.025	4.953	1.220	.900	1.510	.725
74.	90.0	163.66	1.900	2.887	2.0315	7.114	4.989	1.245	.910	1.452	.720
76.	90.0	169.29	1.885	2.863	2.0631	7.185	5.054	1.270	.916	1.405	.719
78.	90.0	174.93	1.871	2.840	2.0946	7.256	5.119	1.295	.922	1.361	.718
80.	90.0	180.56	1.856	2.816	2.1262	7.327	5.183	1.320	.927	1.319	.717
82.	90.0	186.19	1.841	2.793	2.1578	7.398	5.248	1.344	.933	1.279	.715
84.	90.0	191.83	1.826	2.769	2.1894	7.470	5.312	1.369	.938	1.241	.714
86.	90.0	197.29	1.816	2.757	2.2174	7.531	5.391	1.393	.942	1.207	.713
88.	90.0	202.76	1.806	2.745	2.2455	7.592	5.469	1.417	.946	1.176	.711
90.	90.0	208.23	1.796	2.733	2.2735	7.654	5.547	1.441	.949	1.145	.710
92.	90.0	213.69	1.786	2.721	2.3016	7.715	5.626	1.466	.953	1.116	.709
94.	90.0	219.16	1.775	2.708	2.3295	7.777	5.704	1.490	.957	1.088	.707
96.	90.0	224.55	1.767	2.704	2.3543	7.831	5.792	1.513	.959	1.063	.706
98.	90.0	229.94	1.759	2.700	2.3789	7.886	5.881	1.536	.961	1.038	.705
100.	90.0	235.32	1.750	2.696	2.4035	7.941	5.969	1.559	.964	1.015	.704
102.	90.0	240.71	1.742	2.692	2.4281	7.995	6.057	1.582	.966	.992	.703
104.	90.0	245.99	1.733	2.679	2.4574	8.049	6.130	1.607	.969	.970	.702
106.	90.0	251.42	1.725	2.687	2.4766	8.096	6.233	1.628	.971	.951	.702
108.	90.0	256.86	1.718	2.694	2.4958	8.142	6.336	1.650	.972	.932	.702
110.	90.0	262.29	1.710	2.702	2.5151	8.189	6.439	1.672	.973	.914	.702
112.	90.0	267.73	1.702	2.709	2.5343	8.236	6.542	1.694	.974	.896	.701
114.	90.0	273.16	1.694	2.717	2.5535	8.282	6.645	1.715	.976	.879	.701
116.	90.0	278.60	1.687	2.724	2.5727	8.329	6.748	1.737	.977	.863	.701
118.	90.0	284.03	1.679	2.732	2.5920	8.376	6.851	1.759	.978	.847	.701
120.	90.0	289.47	1.671	2.739	2.6112	8.423	6.954	1.781	.980	.832	.701
122.	90.0	294.90	1.663	2.747	2.6304	8.469	7.057	1.803	.981	.817	.702
124.	90.0	300.34	1.656	2.754	2.6496	8.516	7.160	1.824	.982	.803	.702
126.	90.0	305.77	1.648	2.762	2.6689	8.563	7.263	1.846	.983	.789	.702
128.	90.0	311.21	1.640	2.769	2.6881	8.610	7.367	1.868	.985	.776	.702
130.	90.0	316.64	1.632	2.777	2.7073	8.656	7.470	1.890	.986	.763	.702
132.	90.0	322.08	1.625	2.784	2.7266	8.703	7.573	1.912	.987	.751	.703
134.	90.0	327.51	1.617	2.792	2.7458	8.750	7.676	1.933	.985	.739	.703
136.	90.0	332.94	1.609	2.799	2.7650	8.796	7.779	1.955	.990	.727	.704
138.	90.0	338.84	1.602	2.819	2.7784	8.833	7.903	1.975	.990	.716	.704
140.	90.0	344.74	1.595	2.839	2.7919	8.873	8.028	1.995	.991	.705	.705
142.	90.0	350.63	1.588	2.859	2.8053	8.911	8.152	2.014	.991	.695	.706
144.	90.0	356.53	1.580	2.879	2.8188	8.949	8.277	2.034	.992	.685	.708
146.	90.0	362.42	1.573	2.898	2.8322	8.987	8.401	2.054	.992	.675	.709
148.	90.0	368.32	1.566	2.918	2.8455	9.026	8.526	2.074	.992	.666	.710
150.	90.0	374.21	1.559	2.938	2.8591	9.064	8.650	2.094	.993	.657	.711

152.	90.0	380.11	1.551	2.958	2.3725	9.102	8.775	2.114	.993	.648	.712
154.	90.0	386.01	1.544	2.978	2.8859	9.140	8.899	2.133	.994	.639	.714
156.	90.0	391.90	1.537	2.997	2.3994	9.179	9.023	2.153	.994	.631	.715
158.	90.0	397.80	1.530	3.017	2.9128	9.217	9.148	2.173	.995	.622	.717
160.	90.0	403.69	1.523	3.037	2.9262	9.255	9.272	2.193	.995	.614	.718
162.	90.0	409.59	1.515	3.057	2.9397	9.293	9.397	2.213	.996	.607	.720
164.	90.0	415.48	1.508	3.077	2.9531	9.331	9.521	2.232	.996	.599	.721
166.	90.0	421.38	1.501	3.096	2.9655	9.370	9.646	2.252	.996	.591	.723
168.	90.0	427.27	1.494	3.116	2.9800	9.408	9.770	2.272	.997	.584	.725
170.	90.0	433.92	1.488	3.138	2.9917	9.442	9.909	2.290	.997	.577	.725
172.	90.0	440.57	1.483	3.160	3.0034	9.476	10.049	2.309	.997	.570	.726
174.	90.0	447.22	1.478	3.181	3.0151	9.510	10.188	2.327	.998	.564	.727
176.	90.0	453.87	1.472	3.203	3.0269	9.544	10.327	2.345	.998	.557	.727
178.	90.0	460.51	1.467	3.224	3.0386	9.578	10.466	2.364	.998	.551	.728
180.	90.0	467.16	1.462	3.246	3.0503	9.612	10.606	2.382	.998	.544	.729
185.	90.0	483.78	1.449	3.300	3.0795	9.697	10.954	2.428	.999	.529	.732
190.	90.0	500.40	1.435	3.354	3.1089	9.782	11.302	2.474	1.000	.515	.734
195.	90.0	517.02	1.422	3.408	3.1382	9.867	11.650	2.520	1.001	.501	.737
200.	90.0	531.85	1.404	3.503	3.1671	9.971	12.150	2.566	1.001	.488	.740
205.	90.0	550.80	1.401	3.527	3.1985	10.048	12.450	2.609	1.001	.476	.739
210.	90.0	569.75	1.397	3.550	3.2299	10.125	12.750	2.651	1.002	.465	.738
215.	90.0	588.70	1.393	3.573	3.2613	10.202	13.049	2.693	1.002	.454	.737
220.	90.0	607.66	1.390	3.597	3.2927	10.279	13.349	2.735	1.002	.444	.737
225.	90.0	626.61	1.386	3.620	3.3241	10.356	13.649	2.778	1.002	.434	.737
230.	90.0	645.56	1.383	3.643	3.3555	10.433	13.949	2.820	1.002	.424	.737
235.	90.0	664.51	1.379	3.667	3.3869	10.510	14.249	2.862	1.002	.415	.736
240.	90.0	683.46	1.376	3.690	3.4184	10.587	14.549	2.904	1.003	.407	.737
245.	90.0	702.41	1.372	3.713	3.4498	10.664	14.849	2.947	1.003	.398	.737
250.	90.0	721.36	1.369	3.737	3.4812	10.741	15.149	2.989	1.003	.390	.737
255.	90.0	740.32	1.365	3.760	3.5126	10.817	15.449	3.031	1.003	.382	.738
260.	90.0	759.27	1.362	3.783	3.5440	10.894	15.749	3.073	1.003	.375	.738
265.	90.0	778.22	1.358	3.807	3.5754	10.971	16.049	3.116	1.003	.368	.739
270.	90.0	797.17	1.355	3.830	3.6068	11.048	16.349	3.158	1.004	.361	.740
275.	90.0	816.12	1.351	3.853	3.6382	11.125	16.649	3.200	1.004	.354	.741
280.	90.0	835.07	1.348	3.877	3.6697	11.202	16.949	3.242	1.004	.348	.742
285.	90.0	854.03	1.344	3.900	3.7011	11.279	17.249	3.285	1.004	.342	.743
290.	90.0	872.98	1.341	3.924	3.7325	11.356	17.548	3.327	1.004	.336	.744
295.	90.0	891.93	1.337	3.947	3.7639	11.433	17.848	3.369	1.004	.330	.745
300.	90.0	910.88	1.334	3.970	3.7953	11.510	18.148	3.411	1.005	.325	.746
305.	90.0	930.29	1.335	3.960	3.8263	11.565	18.303	3.448	1.005	.319	.746
310.	90.0	949.71	1.336	3.950	3.8574	11.620	18.458	3.486	1.005	.314	.746
315.	90.0	969.12	1.338	3.940	3.8884	11.675	18.613	3.523	1.005	.309	.746
320.	90.0	988.54	1.339	3.929	3.9194	11.729	18.768	3.560	1.005	.304	.745
325.	90.0	1007.95	1.340	3.919	3.9504	11.784	18.923	3.597	1.005	.300	.745
330.	90.0	1027.37	1.342	3.909	3.9815	11.839	19.078	3.634	1.005	.295	.745
335.	90.0	1046.78	1.343	3.899	4.0125	11.894	19.233	3.672	1.005	.291	.744
340.	90.0	1066.20	1.344	3.889	4.0435	11.949	19.388	3.709	1.005	.286	.744
345.	90.0	1085.61	1.346	3.878	4.0745	12.004	19.543	3.746	1.005	.282	.743
350.	90.0	1105.02	1.347	3.868	4.1056	12.058	19.698	3.783	1.005	.278	.743
355.	90.0	1124.44	1.348	3.858	4.1366	12.113	19.853	3.820	1.005	.274	.742
360.	90.0	1143.85	1.350	3.848	4.1676	12.168	20.008	3.857	1.005	.270	.742
365.	90.0	1163.27	1.351	3.838	4.1986	12.223	20.162	3.895	1.005	.267	.741
370.	90.0	1182.68	1.352	3.827	4.2297	12.278	20.317	3.932	1.005	.263	.741
375.	90.0	1202.10	1.354	3.817	4.2607	12.333	20.472	3.969	1.005	.260	.740
380.	90.0	1221.51	1.355	3.807	4.2917	12.387	20.627	4.006	1.005	.256	.739
385.	90.0	1240.93	1.356	3.797	4.3227	12.442	20.782	4.043	1.005	.253	.739
390.	90.0	1260.34	1.358	3.786	4.3538	12.497	20.937	4.080	1.005	.250	.738
395.	90.0	1279.76	1.359	3.776	4.3848	12.552	21.092	4.118	1.005	.247	.737
400.	90.0	1301.17	1.363	3.744	4.4294	12.619	21.470	4.163	1.005	.243	.726
420.	90.0	1372.75	1.365	3.722	4.5319	12.766	22.085	4.286	1.005	.232	.722
440.	90.0	1444.33	1.368	3.701	4.6345	12.913	22.700	4.408	1.004	.221	.719
460.	90.0	1515.91	1.371	3.679	4.7371	13.059	23.315	4.531	1.004	.212	.715

480.	90.0	1587.49	1.374	3.657	4.8395	13.205	23.930	4.654	1.004	.203	.711
500.	90.0	1659.07	1.376	3.636	4.9422	13.353	24.545	4.777	1.004	.195	.707
520.	90.0	1730.65	1.379	3.614	5.0447	13.499	25.160	4.899	1.004	.187	.704
540.	90.0	1802.24	1.382	3.592	5.1473	13.646	25.775	5.022	1.004	.180	.700
560.	90.0	1873.82	1.385	3.570	5.2498	13.793	26.390	5.145	1.004	.174	.696
580.	90.0	1945.40	1.387	3.549	5.3524	13.939	27.005	5.268	1.004	.168	.692
600.	90.0	2016.98	1.390	3.527	5.4549	14.086	27.620	5.390	1.004	.162	.688
620.	90.0	2088.56	1.393	3.505	5.5575	14.233	28.235	5.513	1.003	.157	.684
640.	90.0	2160.14	1.395	3.484	5.6600	14.379	28.850	5.636	1.003	.152	.681
660.	90.0	2230.55	1.397	3.473	5.7511	14.497	29.474	5.751	1.003	.148	.678
680.	90.0	2299.80	1.397	3.473	5.8305	14.586	30.108	5.860	1.003	.143	.676
700.	90.0	2369.04	1.397	3.473	5.9100	14.675	30.742	5.969	1.003	.139	.674
720.	90.0	2438.28	1.397	3.474	5.9895	14.764	31.376	6.077	1.003	.135	.673
740.	90.0	2507.53	1.397	3.474	6.0690	14.853	32.010	6.186	1.003	.132	.671
760.	90.0	2576.77	1.397	3.474	6.1485	14.942	32.644	6.295	1.003	.128	.670
780.	90.0	2646.02	1.397	3.474	6.2280	15.030	33.278	6.403	1.003	.125	.669
800.	90.0	2715.26	1.397	3.474	6.3074	15.119	33.912	6.512	1.003	.122	.667
820.	90.0	2784.50	1.397	3.475	6.3869	15.208	34.546	6.621	1.003	.119	.666
840.	90.0	2853.75	1.397	3.475	6.4664	15.297	35.180	6.730	1.003	.116	.665
860.	90.0	2922.99	1.396	3.475	6.5459	15.386	35.814	6.838	1.003	.113	.663
880.	90.0	2992.24	1.396	3.475	6.6254	15.475	36.448	6.947	1.002	.111	.662
900.	90.0	3061.48	1.396	3.475	6.7048	15.564	37.082	7.056	1.002	.108	.661
920.	90.0	3131.00	1.396	3.475	6.7742	15.631	37.778	7.160	1.002	.106	.659
940.	90.0	3200.52	1.396	3.475	6.8436	15.699	38.473	7.264	1.002	.104	.656
960.	90.0	3270.04	1.396	3.475	6.9130	15.767	39.168	7.368	1.002	.102	.654
980.	90.0	3339.55	1.396	3.475	6.9824	15.834	39.863	7.472	1.002	.100	.651
1000.	90.0	3409.07	1.396	3.475	7.0518	15.902	40.558	7.576	1.002	.098	.649
1050.	90.0	3582.87	1.396	3.475	7.2252	16.071	42.296	7.836	1.002	.093	.644
1100.	90.0	3756.66	1.396	3.474	7.3987	16.240	44.034	8.097	1.002	.089	.639
1150.	90.0	3930.46	1.396	3.474	7.5722	16.409	45.772	8.357	1.002	.085	.634
1200.	90.0	4104.90	1.395	3.481	7.7240	16.546	46.792	8.635	1.002	.081	.642
1250.	90.0	4279.34	1.394	3.488	7.8759	16.682	47.812	8.913	1.002	.078	.650
1300.	90.0	4453.77	1.393	3.495	8.0278	16.818	48.832	9.192	1.002	.075	.658
1350.	90.0	4628.21	1.392	3.501	8.1796	16.955	49.851	9.470	1.002	.072	.665
1400.	90.0	4800.45	1.391	3.504	8.3423	17.102	50.813	9.779	1.002	.070	.681
1450.	90.0	4978.17	1.390	3.514	8.4723	17.209	51.738	10.018	1.001	.067	.681
1500.	90.0	5155.90	1.388	3.525	8.6024	17.315	53.163	10.257	1.001	.065	.680
1550.	90.0	5333.62	1.387	3.535	8.7324	17.421	54.588	10.496	1.001	.063	.680
1600.	90.0	5511.35	1.385	3.545	8.8625	17.527	56.013	10.735	1.001	.061	.679
1650.	90.0	5689.07	1.384	3.556	8.9925	17.634	57.438	10.973	1.001	.059	.679
1700.	90.0	5866.79	1.382	3.566	9.1226	17.740	58.863	11.212	1.001	.057	.679
1750.	90.0	6044.52	1.381	3.576	9.2526	17.846	60.289	11.451	1.001	.056	.679
1800.	90.0	6222.24	1.379	3.587	9.3827	17.952	61.714	11.690	1.001	.054	.679
1850.	90.0	6399.97	1.377	3.597	9.5127	18.059	63.139	11.929	1.001	.053	.680
1900.	90.0	6577.69	1.376	3.607	9.6428	18.165	64.564	12.167	1.001	.051	.680
1950.	90.0	6755.42	1.374	3.617	9.7728	18.271	65.989	12.406	1.001	.050	.680
2000.	90.0	6933.14	1.373	3.628	9.9029	18.377	67.414	12.645	1.001	.049	.680
2050.	90.0	7118.72	1.371	3.642	10.0096	18.457	68.933	12.867	1.001	.048	.680
2100.	90.0	7304.31	1.369	3.657	10.1163	18.538	70.452	13.089	1.001	.047	.679
2150.	90.0	7489.89	1.367	3.672	10.2229	18.618	71.971	13.311	1.001	.045	.679
2200.	90.0	7675.47	1.365	3.686	10.3296	18.698	73.490	13.533	1.001	.044	.679
2250.	90.0	7861.06	1.363	3.701	10.4363	18.778	75.009	13.755	1.001	.043	.679
2300.	90.0	8046.64	1.361	3.715	10.5430	18.858	76.528	13.977	1.001	.042	.679
2350.	90.0	8232.22	1.359	3.730	10.6497	18.938	78.047	14.200	1.001	.042	.679
2400.	90.0	8417.81	1.357	3.744	10.7564	19.018	79.566	14.422	1.001	.041	.679
2450.	90.0	8603.39	1.355	3.759	10.8630	19.098	81.084	14.644	1.001	.040	.679
2500.	90.0	8788.97	1.354	3.774	10.9697	19.178	82.603	14.866	1.001	.039	.679
2550.	90.0	8974.56	1.352	3.788	11.0764	19.258	84.122	15.088	1.001	.038	.679
2600.	90.0	9160.14	1.350	3.803	11.1831	19.338	85.641	15.310	1.001	.038	.680
2650.	90.0	9354.35	1.348	3.818	11.2766	19.405	87.228	15.522	1.001	.037	.679
2700.	90.0	9548.57	1.346	3.833	11.3701	19.473	88.815	15.734	1.001	.036	.679
2750.	90.0	9742.78	1.345	3.848	11.4636	19.540	90.402	15.946	1.001	.036	.679

2800.	90.0	9936.99	1.343	3.862	11.5571	19.607	91.989	16.158	1.001	.035	.678
2850.	90.0	10131.21	1.341	3.877	11.6505	19.674	93.576	16.370	1.001	.034	.678
2900.	90.0	10325.42	1.339	3.892	11.7441	19.741	95.163	16.581	1.001	.034	.678
2950.	90.0	10519.63	1.338	3.907	11.8377	19.808	96.750	16.793	1.001	.033	.678
3000.	90.0	10713.85	1.336	3.922	11.9312	19.875	98.336	17.005	1.001	.033	.678
3050.	90.0	10908.06	1.334	3.937	12.0247	19.942	99.923	17.217	1.001	.032	.678
3100.	90.0	11102.27	1.332	3.952	12.1182	20.009	101.510	17.429	1.001	.032	.679
3150.	90.0	11296.49	1.331	3.967	12.2117	20.076	103.097	17.641	1.001	.031	.679
3200.	90.0	11490.70	1.329	3.982	12.3052	20.143	104.684	17.853	1.001	.031	.679
3250.	90.0	11698.00	1.327	4.011	12.3851	20.202	107.023	18.057	1.001	.030	.677
3300.	90.0	11905.30	1.324	4.040	12.4649	20.261	109.362	18.261	1.001	.030	.675
3350.	90.0	12112.60	1.322	4.070	12.5448	20.320	111.700	18.465	1.001	.029	.673
3400.	90.0	12319.90	1.320	4.099	12.6247	20.379	114.039	18.669	1.001	.029	.671
3450.	90.0	12527.20	1.317	4.128	12.7046	20.438	116.378	18.873	1.001	.028	.669
3500.	90.0	12734.50	1.315	4.157	12.7844	20.497	118.717	19.077	1.001	.028	.668
3550.	90.0	12941.80	1.313	4.186	12.8643	20.556	121.056	19.282	1.001	.028	.667
3600.	90.0	13149.10	1.310	4.215	12.9442	20.615	123.395	19.486	1.001	.027	.666
3650.	90.0	13356.40	1.308	4.245	13.0241	20.674	125.733	19.690	1.001	.027	.665
3700.	90.0	13563.70	1.306	4.274	13.1039	20.733	128.072	19.894	1.001	.026	.664
3750.	90.0	13771.00	1.303	4.303	13.1838	20.792	130.411	20.098	1.001	.026	.663
3800.	90.0	13977.40	1.301	4.327	13.2624	20.803	132.506	20.300	1.001	.026	.663
3850.	90.0	14204.05	1.298	4.388	13.3306	20.865	136.580	20.500	1.001	.025	.659
3900.	90.0	14430.70	1.295	4.448	13.3988	20.922	140.653	20.699	1.002	.025	.655
3950.	90.0	14657.35	1.291	4.508	13.4670	20.979	144.727	20.899	1.002	.025	.651
4000.	90.0	14884.00	1.288	4.569	13.5352	21.036	148.801	21.099	1.002	.024	.648
4050.	90.0	15110.65	1.285	4.629	13.6034	21.093	152.875	21.298	1.002	.024	.645
4100.	90.0	15337.30	1.282	4.690	13.6716	21.150	156.948	21.498	1.002	.024	.642
4150.	90.0	15563.95	1.278	4.750	13.7398	21.207	161.022	21.698	1.003	.024	.640
4200.	90.0	15790.60	1.275	4.810	13.8080	21.264	165.096	21.898	1.003	.023	.638
4250.	90.0	16051.07	1.271	4.925	13.8679	21.323	172.420	22.095	1.003	.023	.631
4300.	90.0	16311.55	1.267	5.039	13.9277	21.383	179.744	22.292	1.004	.023	.625
4350.	90.0	16572.02	1.263	5.154	13.9875	21.442	187.069	22.490	1.004	.022	.620
4400.	90.0	16832.50	1.260	5.268	14.0475	21.501	194.393	22.687	1.005	.022	.615
4450.	90.0	17092.97	1.256	5.383	14.1074	21.560	201.717	22.885	1.005	.022	.611
4500.	90.0	17353.45	1.252	5.497	14.1672	21.620	209.041	23.082	1.006	.022	.607
4550.	90.0	17613.92	1.248	5.612	14.2271	21.679	216.366	23.280	1.006	.021	.604
4600.	90.0	17874.40	1.244	5.726	14.2870	21.738	223.690	23.477	1.007	.021	.601
4650.	90.0	18200.65	1.241	5.927	14.3474	21.806	236.713	23.674	1.008	.021	.593
4700.	90.0	18526.90	1.238	6.129	14.4077	21.874	249.736	23.871	1.009	.021	.586
4750.	90.0	18853.15	1.234	6.330	14.4681	21.942	262.760	24.068	1.010	.020	.580
4800.	90.0	19179.40	1.231	6.531	14.5285	22.010	275.783	24.265	1.011	.020	.575
4850.	90.0	19505.65	1.228	6.732	14.5889	22.078	288.806	24.462	1.012	.020	.570
4900.	90.0	19831.90	1.225	6.933	14.6492	22.145	301.829	24.659	1.013	.020	.566
4950.	90.0	20158.15	1.221	7.135	14.7095	22.213	314.853	24.856	1.015	.019	.563
5000.	90.0	20484.40	1.218	7.336	14.7700	22.281	327.876	25.053	1.016	.019	.561

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/COV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT (LB/CO.IN)	DENSITY * (10)**4 (LB/CO.IN)	PRANDTL NUMBER
									R=9200		
36.	100.0	-108.89	1.627	2.213	4.4628	1.845	15.481	7.969	.116	25.982	1.139
38.	100.0	-104.17	1.708	2.375	4.3441	1.970	15.322	7.332	.112	25.468	1.136
40.	100.0	-99.45	1.789	2.536	4.2255	2.094	15.163	6.696	.108	25.064	1.120
42.	100.0	-93.98	1.911	2.749	4.0777	2.225	15.000	6.194	.106	24.463	1.135
44.	100.0	-88.50	2.033	2.962	3.9300	2.355	14.837	5.692	.103	23.947	1.137
46.	100.0	-82.04	2.211	3.256	3.7443	2.456	14.635	5.258	.102	23.229	1.170
48.	100.0	-75.58	2.389	3.549	3.5587	2.637	14.430	4.823	.100	22.579	1.186
50.	100.0	-67.04	2.840	4.285	3.2765	2.807	14.097	4.399	.101	21.545	1.337
52.	100.0	-58.51	3.292	5.021	2.9943	2.976	13.764	3.975	.102	20.592	1.450
54.	100.0	93.49	2.709	4.489	1.5754	5.898	5.286	1.012	.724	2.779	.860
56.	100.0	101.19	2.563	4.196	1.6284	6.031	5.217	1.035	.751	2.585	.832
58.	100.0	108.89	2.416	3.904	1.6813	6.164	5.148	1.057	.778	2.410	.802
60.	100.0	116.59	2.270	3.611	1.7343	6.297	5.079	1.080	.804	2.253	.768
62.	100.0	123.45	2.194	3.453	1.7810	6.407	5.062	1.104	.822	2.132	.753
64.	100.0	130.52	2.111	3.281	1.8291	6.513	5.018	1.127	.842	2.016	.737
66.	100.0	136.72	2.075	3.213	1.8683	6.601	5.044	1.152	.854	1.929	.734
68.	100.0	142.91	2.039	3.145	1.9075	6.690	5.069	1.177	.865	1.847	.730
70.	100.0	149.11	2.002	3.076	1.9466	6.779	5.094	1.202	.877	1.771	.726
72.	100.0	155.30	1.966	3.008	1.9858	6.868	5.119	1.227	.888	1.699	.721
74.	100.0	161.50	1.930	2.940	2.0250	6.957	5.144	1.252	.900	1.632	.716
76.	100.0	167.22	1.913	2.913	2.0571	7.029	5.202	1.277	.906	1.578	.715
78.	100.0	172.94	1.897	2.886	2.0892	7.101	5.260	1.302	.913	1.527	.714
80.	100.0	178.66	1.880	2.859	2.1213	7.173	5.318	1.326	.919	1.479	.713
82.	100.0	184.38	1.863	2.832	2.1534	7.246	5.375	1.351	.925	1.433	.712
84.	100.0	190.10	1.846	2.805	2.1855	7.318	5.433	1.375	.931	1.389	.710
86.	100.0	195.63	1.835	2.791	2.2133	7.380	5.507	1.399	.936	1.351	.709
88.	100.0	201.16	1.824	2.777	2.2424	7.442	5.581	1.423	.940	1.315	.708
90.	100.0	206.68	1.812	2.763	2.2708	7.504	5.655	1.447	.944	1.280	.707
92.	100.0	212.21	1.801	2.748	2.2993	7.566	5.728	1.471	.948	1.247	.706
94.	100.0	217.74	1.790	2.734	2.3277	7.629	5.802	1.495	.952	1.215	.704
96.	100.0	223.17	1.781	2.729	2.3525	7.682	5.887	1.518	.955	1.186	.704
98.	100.0	228.60	1.771	2.724	2.3774	7.736	5.972	1.541	.957	1.159	.703
100.	100.0	234.04	1.762	2.718	2.4022	7.790	6.058	1.564	.960	1.132	.702
102.	100.0	239.47	1.753	2.713	2.4271	7.844	6.143	1.587	.963	1.107	.701
104.	100.0	244.81	1.743	2.698	2.4563	7.877	6.202	1.611	.966	1.082	.701
106.	100.0	250.27	1.735	2.705	2.4757	7.926	6.304	1.633	.967	1.060	.701
108.	100.0	255.73	1.727	2.711	2.4950	7.975	6.406	1.655	.969	1.039	.700
110.	100.0	261.20	1.719	2.718	2.5144	8.024	6.507	1.676	.970	1.018	.700
112.	100.0	266.66	1.711	2.725	2.5337	8.073	6.609	1.698	.972	.999	.700
114.	100.0	272.12	1.703	2.732	2.5531	8.122	6.711	1.720	.973	.980	.700
116.	100.0	277.58	1.695	2.739	2.5724	8.171	6.813	1.742	.974	.962	.700
118.	100.0	283.04	1.687	2.746	2.5918	8.220	6.914	1.763	.976	.944	.700
120.	100.0	288.50	1.678	2.753	2.6111	8.269	7.016	1.785	.977	.927	.700
122.	100.0	293.97	1.670	2.760	2.6305	8.318	7.118	1.807	.979	.910	.701
124.	100.0	299.43	1.662	2.767	2.6499	8.366	7.220	1.828	.980	.894	.701
126.	100.0	304.89	1.654	2.774	2.6692	8.415	7.322	1.850	.982	.879	.701
128.	100.0	310.35	1.646	2.781	2.6886	8.464	7.423	1.872	.983	.864	.701
130.	100.0	315.81	1.638	2.788	2.7079	8.513	7.525	1.894	.984	.849	.701
132.	100.0	321.28	1.630	2.795	2.7273	8.562	7.627	1.915	.986	.835	.702
134.	100.0	326.74	1.622	2.802	2.7466	8.611	7.729	1.937	.987	.822	.702
136.	100.0	332.20	1.614	2.809	2.7660	8.660	7.830	1.959	.989	.808	.703
138.	100.0	338.11	1.606	2.828	2.7795	8.697	7.954	1.978	.989	.796	.703
140.	100.0	344.02	1.599	2.848	2.7930	8.734	8.078	1.998	.990	.785	.704
142.	100.0	349.93	1.592	2.867	2.8064	8.771	8.202	2.018	.990	.773	.706
144.	100.0	355.84	1.584	2.887	2.8199	8.808	8.325	2.038	.991	.762	.707
146.	100.0	361.75	1.577	2.907	2.8334	8.845	8.449	2.058	.991	.751	.708
148.	100.0	367.66	1.570	2.926	2.8469	8.882	8.573	2.077	.992	.741	.709
150.	100.0	373.57	1.562	2.946	2.8604	8.920	8.697	2.097	.992	.730	.710

152.	100.0	379.48	1.555	2.965	2.8738	8.957	8.821	2.117	.993	.720	.712
154.	100.0	385.39	1.548	2.985	2.8873	8.994	8.944	2.137	.993	.711	.713
156.	100.0	391.30	1.540	3.005	2.9008	9.031	9.068	2.156	.994	.701	.714
158.	100.0	397.21	1.533	3.024	2.9143	9.068	9.192	2.176	.994	.692	.716
160.	100.0	403.12	1.526	3.044	2.9278	9.105	9.316	2.196	.995	.683	.717
162.	100.0	409.03	1.518	3.063	2.9413	9.142	9.439	2.216	.995	.674	.719
164.	100.0	414.94	1.511	3.083	2.9547	9.179	9.563	2.235	.996	.666	.721
166.	100.0	420.85	1.503	3.103	2.9682	9.216	9.687	2.255	.996	.657	.722
168.	100.0	426.75	1.496	3.122	2.9817	9.253	9.811	2.275	.997	.649	.724
170.	100.0	433.42	1.491	3.144	2.9934	9.282	9.949	2.293	.997	.641	.725
172.	100.0	440.07	1.485	3.165	3.0051	9.310	10.087	2.312	.997	.634	.725
174.	100.0	446.73	1.480	3.187	3.0169	9.339	10.226	2.330	.997	.626	.726
176.	100.0	453.39	1.475	3.208	3.0286	9.367	10.364	2.348	.998	.619	.727
178.	100.0	460.05	1.469	3.230	3.0403	9.396	10.502	2.367	.998	.612	.728
180.	100.0	466.70	1.464	3.251	3.0520	9.424	10.640	2.385	.998	.605	.729
185.	100.0	483.35	1.450	3.305	3.0814	9.496	10.986	2.431	.999	.588	.731
190.	100.0	499.99	1.437	3.359	3.1107	9.567	11.332	2.477	1.000	.572	.734
195.	100.0	516.64	1.424	3.413	3.1400	9.638	11.677	2.523	1.001	.557	.737
200.	100.0	531.50	1.405	3.507	3.1689	9.743	12.176	2.569	1.001	.543	.740
205.	100.0	550.46	1.402	3.531	3.2003	9.820	12.475	2.611	1.002	.529	.739
210.	100.0	569.43	1.398	3.554	3.2318	9.897	12.775	2.653	1.002	.517	.738
215.	100.0	588.39	1.395	3.577	3.2632	9.974	13.074	2.695	1.002	.505	.737
220.	100.0	607.36	1.391	3.600	3.2946	10.051	13.373	2.738	1.002	.493	.737
225.	100.0	626.32	1.388	3.624	3.3261	10.123	13.673	2.780	1.002	.482	.737
230.	100.0	645.29	1.384	3.647	3.3575	10.205	13.972	2.822	1.003	.471	.737
235.	100.0	664.25	1.380	3.670	3.3889	10.282	14.271	2.864	1.003	.461	.737
240.	100.0	683.22	1.377	3.693	3.4204	10.359	14.571	2.906	1.003	.452	.737
245.	100.0	702.18	1.373	3.716	3.4518	10.436	14.870	2.948	1.003	.442	.737
250.	100.0	721.15	1.370	3.740	3.4832	10.513	15.169	2.990	1.003	.433	.737
255.	100.0	740.11	1.366	3.763	3.5147	10.590	15.469	3.033	1.003	.425	.738
260.	100.0	759.08	1.363	3.786	3.5461	10.667	15.768	3.075	1.004	.417	.738
265.	100.0	778.04	1.359	3.809	3.5775	10.744	16.068	3.117	1.004	.409	.739
270.	100.0	797.01	1.355	3.832	3.6090	10.821	16.367	3.159	1.004	.401	.740
275.	100.0	815.97	1.352	3.855	3.6404	10.898	16.666	3.201	1.004	.394	.741
280.	100.0	834.94	1.348	3.879	3.6719	10.975	16.966	3.243	1.004	.387	.742
285.	100.0	853.90	1.345	3.902	3.7033	11.052	17.265	3.286	1.005	.380	.743
290.	100.0	872.87	1.341	3.925	3.7347	11.129	17.564	3.328	1.005	.373	.744
295.	100.0	891.83	1.338	3.948	3.7662	11.206	17.864	3.370	1.005	.367	.745
300.	100.0	910.80	1.334	3.972	3.7976	11.283	18.163	3.412	1.005	.360	.746
305.	100.0	930.22	1.335	3.961	3.8286	11.338	18.318	3.449	1.005	.355	.746
310.	100.0	949.64	1.337	3.951	3.8597	11.393	18.472	3.486	1.005	.349	.746
315.	100.0	969.06	1.338	3.941	3.8907	11.448	18.627	3.523	1.005	.343	.745
320.	100.0	988.48	1.339	3.931	3.9217	11.502	18.782	3.561	1.005	.338	.745
325.	100.0	1007.90	1.341	3.920	3.9527	11.557	18.936	3.598	1.005	.333	.745
330.	100.0	1027.32	1.342	3.910	3.9838	11.612	19.091	3.635	1.005	.328	.745
335.	100.0	1046.74	1.343	3.900	4.0148	11.667	19.246	3.672	1.005	.323	.744
340.	100.0	1066.16	1.345	3.890	4.0458	11.722	19.400	3.709	1.005	.318	.744
345.	100.0	1085.58	1.346	3.880	4.0769	11.777	19.555	3.746	1.005	.313	.743
350.	100.0	1105.00	1.347	3.869	4.1079	11.831	19.709	3.783	1.005	.309	.743
355.	100.0	1124.42	1.349	3.859	4.1389	11.886	19.864	3.821	1.005	.305	.742
360.	100.0	1143.84	1.350	3.849	4.1700	11.941	20.019	3.858	1.005	.300	.742
365.	100.0	1163.26	1.351	3.839	4.2010	11.996	20.173	3.895	1.005	.296	.741
370.	100.0	1182.68	1.353	3.828	4.2320	12.051	20.328	3.932	1.005	.292	.741
375.	100.0	1202.10	1.354	3.818	4.2630	12.106	20.483	3.969	1.005	.288	.740
380.	100.0	1221.52	1.355	3.808	4.2941	12.161	20.637	4.006	1.005	.285	.739
385.	100.0	1240.94	1.357	3.798	4.3251	12.215	20.792	4.043	1.005	.281	.739
390.	100.0	1260.36	1.358	3.787	4.3561	12.270	20.947	4.081	1.005	.277	.738
395.	100.0	1279.78	1.359	3.777	4.3872	12.325	21.101	4.118	1.005	.274	.737
400.	100.0	1301.20	1.363	3.745	4.4318	12.360	21.477	4.163	1.005	.270	.726
420.	100.0	1372.79	1.366	3.723	4.5343	12.522	22.092	4.286	1.005	.258	.722
440.	100.0	1444.38	1.368	3.701	4.6369	12.685	22.708	4.409	1.005	.246	.719
460.	100.0	1515.98	1.371	3.680	4.7394	12.847	23.323	4.531	1.005	.235	.715

480.	100.0	1587.57	1.374	3.658	4.8419	13.010	23.939	4.654	1.005	.225	.711
500.	100.0	1659.16	1.377	3.636	4.9445	13.172	24.554	4.777	1.004	.216	.707
520.	100.0	1730.75	1.379	3.614	5.0470	13.334	25.170	4.900	1.004	.208	.704
540.	100.0	1802.34	1.382	3.593	5.1496	13.497	25.785	5.023	1.004	.200	.700
560.	100.0	1873.94	1.385	3.571	5.2521	13.659	26.401	5.146	1.004	.193	.696
580.	100.0	1945.53	1.387	3.549	5.3546	13.822	27.016	5.269	1.004	.187	.692
600.	100.0	2017.12	1.390	3.527	5.4572	13.984	27.631	5.391	1.004	.180	.688
620.	100.0	2088.71	1.393	3.506	5.5597	14.146	28.247	5.514	1.004	.175	.684
640.	100.0	2160.30	1.396	3.484	5.6622	14.309	28.862	5.637	1.004	.169	.680
660.	100.0	2230.72	1.397	3.473	5.7532	14.436	29.487	5.753	1.004	.164	.678
680.	100.0	2299.97	1.397	3.473	5.8327	14.527	30.121	5.862	1.003	.159	.676
700.	100.0	2369.22	1.397	3.474	5.9121	14.619	30.755	5.970	1.003	.155	.674
720.	100.0	2438.47	1.397	3.474	5.9916	14.710	31.389	6.079	1.003	.150	.673
740.	100.0	2507.72	1.397	3.474	6.0711	14.801	32.023	6.188	1.003	.146	.671
760.	100.0	2576.96	1.397	3.474	6.1505	14.893	32.657	6.296	1.003	.143	.670
780.	100.0	2646.21	1.397	3.474	6.2300	14.984	33.291	6.405	1.003	.139	.668
800.	100.0	2715.46	1.397	3.475	6.3094	15.076	33.925	6.514	1.003	.135	.667
820.	100.0	2784.71	1.397	3.475	6.3889	15.167	34.559	6.622	1.003	.132	.666
840.	100.0	2853.96	1.397	3.475	6.4683	15.259	35.193	6.731	1.003	.129	.665
860.	100.0	2923.20	1.396	3.475	6.5478	15.350	35.827	6.840	1.003	.126	.663
880.	100.0	2992.45	1.396	3.475	6.6272	15.442	36.461	6.948	1.003	.123	.662
900.	100.0	3061.70	1.396	3.475	6.7067	15.533	37.095	7.057	1.003	.120	.661
920.	100.0	3131.22	1.396	3.475	6.7761	15.600	37.790	7.161	1.003	.118	.659
940.	100.0	3200.74	1.396	3.475	6.8454	15.667	38.486	7.265	1.003	.115	.656
960.	100.0	3270.26	1.396	3.475	6.9143	15.735	39.181	7.369	1.003	.113	.654
980.	100.0	3339.78	1.396	3.475	6.9842	15.802	39.876	7.474	1.003	.111	.651
1000.	100.0	3409.30	1.396	3.475	7.0535	15.869	40.571	7.578	1.002	.108	.649
1050.	100.0	3583.10	1.396	3.475	7.2270	16.037	42.310	7.838	1.002	.103	.644
1100.	100.0	3756.90	1.396	3.475	7.4004	16.205	44.048	8.098	1.002	.099	.639
1150.	100.0	3930.70	1.396	3.474	7.5738	16.373	45.786	8.359	1.002	.094	.634
1200.	100.0	4105.14	1.395	3.481	7.7256	16.510	46.803	8.637	1.002	.090	.642
1250.	100.0	4279.58	1.394	3.488	7.8774	16.646	47.821	8.915	1.002	.087	.650
1300.	100.0	4454.02	1.393	3.495	8.0293	16.783	48.838	9.193	1.002	.083	.658
1350.	100.0	4628.46	1.392	3.501	8.1811	16.919	49.856	9.471	1.002	.080	.665
1400.	100.0	4800.70	1.391	3.504	8.3437	17.067	50.313	9.779	1.002	.078	.681
1450.	100.0	4978.42	1.390	3.514	8.4737	17.173	51.738	10.018	1.002	.075	.681
1500.	100.0	5156.15	1.388	3.525	8.6037	17.279	53.163	10.257	1.002	.072	.680
1550.	100.0	5333.87	1.387	3.535	8.7338	17.386	54.588	10.496	1.002	.070	.680
1600.	100.0	5511.60	1.385	3.545	8.8633	17.492	56.013	10.735	1.002	.068	.679
1650.	100.0	5689.32	1.384	3.556	8.9938	17.598	57.438	10.973	1.001	.066	.679
1700.	100.0	5867.05	1.382	3.566	9.1238	17.704	58.863	11.212	1.001	.064	.679
1750.	100.0	6044.77	1.381	3.576	9.2539	17.811	60.289	11.451	1.001	.062	.679
1800.	100.0	6222.50	1.379	3.587	9.3839	17.917	61.714	11.690	1.001	.060	.679
1850.	100.0	6400.22	1.377	3.597	9.5139	18.023	63.139	11.929	1.001	.059	.680
1900.	100.0	6577.95	1.376	3.607	9.6439	18.129	64.564	12.167	1.001	.057	.680
1950.	100.0	6755.67	1.374	3.617	9.7740	18.236	65.989	12.406	1.001	.056	.680
2000.	100.0	6933.40	1.373	3.628	9.9040	18.342	67.414	12.645	1.001	.054	.680
2050.	100.0	7118.98	1.371	3.642	10.0107	18.422	68.933	12.867	1.001	.053	.680
2100.	100.0	7304.57	1.369	3.657	10.1173	18.502	70.452	13.089	1.001	.052	.679
2150.	100.0	7490.15	1.367	3.672	10.2240	18.582	71.971	13.311	1.001	.050	.679
2200.	100.0	7675.73	1.365	3.686	10.3307	18.662	73.490	13.533	1.001	.049	.679
2250.	100.0	7861.32	1.363	3.701	10.4373	18.742	75.009	13.755	1.001	.048	.679
2300.	100.0	8046.90	1.361	3.715	10.5440	18.822	76.527	13.977	1.001	.047	.679
2350.	100.0	8232.48	1.359	3.730	10.6507	18.903	78.046	14.200	1.001	.046	.679
2400.	100.0	8418.07	1.357	3.744	10.7573	18.983	79.565	14.422	1.001	.045	.679
2450.	100.0	8603.65	1.355	3.759	10.8640	19.063	81.084	14.644	1.001	.044	.679
2500.	100.0	8789.23	1.354	3.774	10.9707	19.143	82.603	14.866	1.001	.043	.679
2550.	100.0	8974.82	1.352	3.788	11.0773	19.223	84.122	15.088	1.001	.043	.679
2600.	100.0	9160.40	1.350	3.803	11.1840	19.303	85.641	15.310	1.001	.042	.680
2650.	100.0	9354.62	1.348	3.818	11.2775	19.370	87.228	15.522	1.001	.041	.679
2700.	100.0	9548.83	1.346	3.833	11.3710	19.437	88.814	15.734	1.001	.040	.679
2750.	100.0	9743.05	1.344	3.847	11.4645	19.504	90.401	15.946	1.001	.039	.679

2900.	100.0	9937.27	1.343	3.862	11.5580	19.571	91.987	16.156	1.001	.039	.678
2850.	100.0	10131.48	1.341	3.877	11.6515	19.633	93.574	16.370	1.001	.038	.578
2900.	100.0	10325.70	1.339	3.892	11.7450	19.705	95.160	16.581	1.001	.037	.678
2950.	100.0	10519.92	1.338	3.907	11.8385	19.773	96.747	16.793	1.001	.037	.678
3000.	100.0	10714.13	1.336	3.922	11.9320	19.840	98.334	17.005	1.001	.036	.678
3050.	100.0	10908.35	1.334	3.937	12.0255	19.907	99.920	17.217	1.001	.036	.678
3100.	100.0	11102.57	1.332	3.952	12.1190	19.974	101.507	17.429	1.001	.035	.579
3150.	100.0	11296.78	1.331	3.967	12.2125	20.041	103.093	17.641	1.001	.034	.679
3200.	100.0	11491.00	1.329	3.982	12.3060	20.108	104.680	17.853	1.001	.034	.679
3250.	100.0	11698.25	1.327	4.011	12.3859	20.167	107.012	18.057	1.001	.033	.677
3300.	100.0	11905.50	1.324	4.040	12.4658	20.226	109.343	18.261	1.001	.033	.675
3350.	100.0	12112.75	1.322	4.069	12.5457	20.285	111.675	18.465	1.001	.032	.573
3400.	100.0	12320.00	1.320	4.098	12.6257	20.344	114.007	18.669	1.001	.032	.671
3450.	100.0	12527.25	1.317	4.127	12.7056	20.403	116.338	18.873	1.001	.031	.670
3500.	100.0	12734.50	1.315	4.156	12.7855	20.461	118.670	19.077	1.001	.031	.668
3550.	100.0	12941.75	1.313	4.185	12.8654	20.520	121.002	19.282	1.001	.031	.667
3600.	100.0	13149.00	1.310	4.214	12.9453	20.579	123.333	19.485	1.001	.030	.666
3650.	100.0	13356.25	1.308	4.243	13.0252	20.638	125.665	19.690	1.001	.030	.665
3700.	100.0	13563.50	1.306	4.272	13.1052	20.697	127.997	19.894	1.001	.029	.664
3750.	100.0	13770.75	1.304	4.301	13.1851	20.756	130.328	20.098	1.001	.029	.663
3800.	100.0	13970.00	1.303	4.300	13.2710	20.810	131.320	20.300	1.001	.029	.665
3850.	100.0	14194.25	1.300	4.354	13.3402	20.666	135.080	20.500	1.001	.028	.661
3900.	100.0	14418.50	1.297	4.408	13.4095	20.723	138.840	20.699	1.001	.028	.657
3950.	100.0	14642.75	1.294	4.463	13.4787	20.779	142.600	20.899	1.002	.027	.654
4000.	100.0	14867.00	1.291	4.517	13.5480	20.835	146.360	21.098	1.002	.027	.651
4050.	100.0	15091.25	1.287	4.571	13.6172	20.892	150.120	21.298	1.002	.027	.648
4100.	100.0	15315.50	1.284	4.625	13.6865	20.948	153.880	21.498	1.002	.026	.646
4150.	100.0	15539.75	1.281	4.679	13.7557	21.005	157.640	21.697	1.002	.026	.644
4200.	100.0	15764.00	1.278	4.733	13.8250	21.061	161.400	21.897	1.002	.026	.642
4250.	100.0	16018.38	1.274	4.835	13.8855	21.119	165.011	22.094	1.003	.026	.636
4300.	100.0	16272.75	1.271	4.936	13.9460	21.177	174.622	22.291	1.003	.025	.630
4350.	100.0	16527.13	1.267	5.038	14.0065	21.235	181.234	22.489	1.004	.025	.625
4400.	100.0	16781.50	1.263	5.139	14.0670	21.292	187.845	22.686	1.004	.025	.621
4450.	100.0	17035.83	1.260	5.240	14.1275	21.350	194.456	22.883	1.004	.024	.617
4500.	100.0	17290.25	1.256	5.342	14.1880	21.408	201.067	23.080	1.005	.024	.613
4550.	100.0	17544.63	1.252	5.443	14.2485	21.466	207.679	23.278	1.005	.024	.610
4600.	100.0	17799.00	1.248	5.544	14.3090	21.524	214.290	23.475	1.006	.023	.607
4650.	100.0	18111.33	1.245	5.722	14.3686	21.589	225.935	23.672	1.007	.023	.599
4700.	100.0	18423.75	1.242	5.899	14.4282	21.654	237.580	23.868	1.008	.023	.593
4750.	100.0	18736.13	1.238	6.076	14.4879	21.719	249.225	24.065	1.009	.023	.587
4800.	100.0	19048.50	1.235	6.253	14.5475	21.784	260.870	24.261	1.010	.022	.582
4850.	100.0	19360.83	1.232	6.431	14.6071	21.849	272.515	24.458	1.011	.022	.577
4900.	100.0	19673.25	1.228	6.608	14.6667	21.914	284.160	24.655	1.011	.022	.573
4950.	100.0	19985.63	1.225	6.785	14.7264	21.979	295.805	24.851	1.012	.022	.570
5000.	100.0	20298.00	1.222	6.962	14.7860	22.044	307.450	25.048	1.013	.021	.567

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	120.0	-108.31	1.619	2.201	4.4915	1.838	15.520	8.046	.139	26.048	1.141
38.	120.0	-103.63	1.698	2.358	4.3747	1.962	15.361	7.406	.134	25.540	1.137
40.	120.0	-98.94	1.776	2.515	4.2578	2.086	15.202	6.765	.130	25.143	1.119
42.	120.0	-93.52	1.892	2.721	4.1153	2.215	15.042	6.263	.126	24.554	1.133
44.	120.0	-88.09	2.008	2.926	3.9727	2.344	14.882	5.760	.123	24.049	1.133
46.	120.0	-81.75	2.173	3.198	3.7936	2.483	14.687	5.328	.121	23.358	1.160
48.	120.0	-75.41	2.337	3.469	3.6145	2.621	14.493	4.896	.120	22.734	1.172
50.	120.0	-67.22	2.725	4.104	3.3563	2.784	14.187	4.482	.120	21.759	1.297
52.	120.0	-59.03	3.114	4.738	3.0980	2.947	13.881	4.069	.120	20.859	1.389
54.	120.0	-50.84	3.502	5.372	2.8397	3.111	13.575	3.655	.121	20.026	1.446
56.	120.0	89.63	3.041	5.152	1.5658	5.700	6.073	1.073	.675	3.449	.910
58.	120.0	99.09	2.747	4.559	1.6314	5.864	5.898	1.090	.715	3.143	.842
60.	120.0	108.54	2.452	3.966	1.6970	6.029	5.724	1.107	.756	2.877	.767
62.	120.0	116.05	2.379	3.805	1.7499	6.149	5.659	1.130	.779	2.700	.760
64.	120.0	123.56	2.293	3.618	1.8023	6.280	5.594	1.153	.804	2.536	.746
66.	120.0	130.21	2.237	3.510	1.8445	6.376	5.586	1.177	.819	2.414	.739
68.	120.0	136.87	2.180	3.402	1.8868	6.472	5.578	1.200	.834	2.301	.732
70.	120.0	143.52	2.123	3.294	1.9291	6.568	5.569	1.223	.849	2.196	.724
72.	120.0	150.18	2.067	3.186	1.9713	6.665	5.561	1.247	.864	2.098	.714
74.	120.0	156.83	2.010	3.078	2.0136	6.761	5.552	1.270	.878	2.006	.704
76.	120.0	162.76	1.987	3.041	2.0468	6.836	5.593	1.294	.886	1.936	.703
78.	120.0	168.70	1.964	3.003	2.0801	6.911	5.634	1.318	.894	1.870	.702
80.	120.0	174.63	1.941	2.966	2.1133	6.986	5.675	1.342	.902	1.808	.701
82.	120.0	180.56	1.918	2.928	2.1465	7.061	5.715	1.366	.910	1.749	.700
84.	120.0	186.50	1.895	2.891	2.1798	7.135	5.756	1.390	.917	1.692	.698
86.	120.0	192.16	1.880	2.871	2.2088	7.199	5.818	1.413	.922	1.644	.697
88.	120.0	197.83	1.866	2.851	2.2378	7.263	5.880	1.436	.927	1.598	.696
90.	120.0	203.50	1.851	2.831	2.2668	7.327	5.943	1.460	.932	1.554	.696
92.	120.0	209.17	1.836	2.811	2.2957	7.390	6.005	1.483	.937	1.513	.694
94.	120.0	214.84	1.822	2.791	2.3249	7.454	6.067	1.507	.942	1.473	.693
96.	120.0	220.37	1.811	2.783	2.3530	7.509	6.144	1.530	.946	1.437	.693
98.	120.0	225.90	1.800	2.775	2.3752	7.565	6.221	1.552	.949	1.403	.692
100.	120.0	231.42	1.789	2.767	2.4004	7.620	6.298	1.575	.952	1.370	.692
102.	120.0	236.95	1.778	2.758	2.4256	7.675	6.375	1.598	.955	1.338	.691
104.	120.0	242.41	1.767	2.740	2.4559	7.733	6.439	1.622	.960	1.307	.690
106.	120.0	247.93	1.758	2.745	2.4754	7.781	6.535	1.644	.961	1.280	.691
108.	120.0	253.45	1.749	2.751	2.4950	7.830	6.632	1.665	.963	1.254	.691
110.	120.0	258.97	1.740	2.757	2.5145	7.879	6.729	1.687	.965	1.229	.691
112.	120.0	264.49	1.731	2.762	2.5341	7.927	6.826	1.708	.966	1.205	.691
114.	120.0	270.01	1.722	2.768	2.5535	7.976	6.922	1.730	.968	1.182	.691
116.	120.0	275.53	1.713	2.773	2.5732	8.025	7.019	1.751	.970	1.160	.692
118.	120.0	281.06	1.704	2.778	2.5927	8.074	7.116	1.773	.971	1.138	.692
120.	120.0	286.58	1.695	2.784	2.6122	8.122	7.213	1.794	.973	1.117	.693
122.	120.0	292.10	1.686	2.789	2.6318	8.171	7.309	1.816	.975	1.097	.693
124.	120.0	297.62	1.677	2.795	2.6513	8.220	7.406	1.837	.976	1.077	.693
126.	120.0	303.14	1.668	2.800	2.6709	8.269	7.503	1.859	.978	1.058	.694
128.	120.0	308.66	1.659	2.806	2.6904	8.317	7.600	1.880	.980	1.040	.694
130.	120.0	314.18	1.650	2.811	2.7100	8.366	7.696	1.902	.982	1.022	.695
132.	120.0	319.71	1.641	2.817	2.7295	8.413	7.793	1.923	.983	1.005	.695
134.	120.0	325.23	1.632	2.822	2.7490	8.463	7.890	1.945	.985	.988	.696
136.	120.0	330.75	1.623	2.827	2.7685	8.512	7.987	1.966	.987	.972	.696
138.	120.0	336.69	1.615	2.847	2.7821	8.550	8.108	1.986	.987	.957	.697
140.	120.0	342.63	1.608	2.865	2.7957	8.588	8.229	2.006	.988	.943	.698
142.	120.0	348.57	1.600	2.885	2.8093	8.625	8.351	2.025	.988	.929	.700
144.	120.0	354.50	1.593	2.904	2.8228	8.663	8.472	2.045	.989	.916	.701
146.	120.0	360.44	1.585	2.923	2.8364	8.701	8.594	2.065	.990	.903	.702
148.	120.0	366.38	1.577	2.942	2.8500	8.739	8.715	2.084	.990	.890	.704
150.	120.0	372.32	1.570	2.962	2.8635	8.776	8.836	2.104	.991	.878	.705

152.	120.0	378.26	1.562	2.981	2.8771	8.814	8.958	2.124	.991	.866	.707
154.	120.0	384.20	1.554	3.000	2.8707	8.852	9.079	2.143	.992	.854	.708
156.	120.0	390.14	1.547	3.019	2.9042	8.889	9.201	2.163	.993	.842	.710
158.	120.0	396.08	1.539	3.038	2.9178	8.927	9.322	2.183	.993	.831	.711
160.	120.0	402.02	1.531	3.057	2.9313	8.965	9.443	2.202	.994	.820	.713
162.	120.0	407.96	1.524	3.077	2.9449	9.002	9.555	2.222	.994	.810	.715
164.	120.0	413.90	1.516	3.096	2.9585	9.040	9.666	2.242	.995	.799	.716
166.	120.0	419.83	1.509	3.115	2.9720	9.078	9.808	2.261	.995	.789	.718
168.	120.0	425.77	1.501	3.134	2.9856	9.115	9.929	2.281	.996	.779	.720
170.	120.0	432.45	1.495	3.155	2.9973	9.146	10.066	2.299	.996	.770	.721
172.	120.0	439.13	1.490	3.177	3.0091	9.177	10.203	2.318	.997	.761	.722
174.	120.0	445.80	1.484	3.198	3.0208	9.207	10.340	2.336	.997	.752	.722
176.	120.0	452.48	1.479	3.219	3.0326	9.238	10.477	2.354	.997	.743	.723
178.	120.0	459.15	1.473	3.241	3.0443	9.268	10.614	2.372	.998	.734	.724
180.	120.0	465.83	1.468	3.262	3.0560	9.299	10.751	2.391	.998	.726	.725
185.	120.0	482.52	1.454	3.315	3.0854	9.375	11.094	2.436	.999	.706	.728
190.	120.0	499.21	1.440	3.369	3.1148	9.452	11.436	2.482	1.000	.687	.731
195.	120.0	515.90	1.427	3.422	3.1441	9.528	11.779	2.528	1.001	.668	.734
200.	120.0	530.83	1.408	3.516	3.1731	9.633	12.273	2.574	1.002	.651	.737
205.	120.0	549.82	1.404	3.539	3.2046	9.710	12.570	2.616	1.002	.635	.737
210.	120.0	568.81	1.401	3.562	3.2360	9.787	12.867	2.658	1.002	.620	.736
215.	120.0	587.81	1.397	3.585	3.2675	9.864	13.164	2.700	1.002	.605	.735
220.	120.0	606.80	1.393	3.607	3.2990	9.942	13.461	2.742	1.003	.591	.735
225.	120.0	625.79	1.390	3.630	3.3304	10.019	13.759	2.784	1.003	.578	.735
230.	120.0	644.78	1.386	3.653	3.3619	10.096	14.056	2.826	1.003	.565	.735
235.	120.0	663.77	1.382	3.676	3.3933	10.173	14.353	2.868	1.003	.553	.735
240.	120.0	682.76	1.379	3.699	3.4248	10.250	14.650	2.910	1.003	.542	.735
245.	120.0	701.75	1.375	3.722	3.4563	10.327	14.947	2.952	1.004	.530	.735
250.	120.0	720.75	1.371	3.745	3.4877	10.404	15.244	2.994	1.004	.520	.736
255.	120.0	739.74	1.368	3.768	3.5192	10.481	15.541	3.036	1.004	.509	.736
260.	120.0	758.73	1.364	3.791	3.5507	10.558	15.839	3.078	1.004	.500	.737
265.	120.0	777.72	1.360	3.814	3.5821	10.635	16.136	3.120	1.005	.490	.737
270.	120.0	796.71	1.357	3.837	3.6136	10.713	16.433	3.162	1.005	.481	.738
275.	120.0	815.70	1.353	3.860	3.6451	10.790	16.730	3.204	1.005	.472	.739
280.	120.0	834.69	1.349	3.883	3.6765	10.867	17.027	3.246	1.005	.463	.740
285.	120.0	853.69	1.346	3.906	3.7080	10.944	17.324	3.288	1.005	.455	.741
290.	120.0	872.68	1.342	3.929	3.7395	11.021	17.621	3.330	1.006	.447	.742
295.	120.0	891.67	1.339	3.952	3.7709	11.098	17.919	3.372	1.006	.440	.744
300.	120.0	910.66	1.335	3.975	3.8024	11.175	18.216	3.414	1.006	.432	.745
305.	120.0	930.09	1.336	3.964	3.8334	11.230	18.369	3.451	1.006	.425	.745
310.	120.0	949.52	1.337	3.954	3.8644	11.285	18.523	3.488	1.006	.418	.745
315.	120.0	968.95	1.339	3.944	3.8955	11.340	18.677	3.525	1.006	.412	.744
320.	120.0	988.38	1.340	3.933	3.9265	11.395	18.830	3.562	1.006	.405	.744
325.	120.0	1007.81	1.341	3.923	3.9576	11.450	18.984	3.599	1.006	.399	.744
330.	120.0	1027.24	1.343	3.913	3.9886	11.505	19.137	3.636	1.006	.393	.743
335.	120.0	1046.67	1.344	3.902	4.0196	11.559	19.291	3.673	1.006	.387	.743
340.	120.0	1066.10	1.345	3.892	4.0507	11.614	19.444	3.710	1.006	.381	.743
345.	120.0	1085.53	1.347	3.882	4.0817	11.669	19.598	3.747	1.006	.376	.742
350.	120.0	1104.96	1.348	3.872	4.1127	11.724	19.752	3.784	1.006	.370	.742
355.	120.0	1124.39	1.349	3.861	4.1438	11.779	19.905	3.822	1.006	.365	.741
360.	120.0	1143.82	1.351	3.851	4.1748	11.834	20.059	3.859	1.006	.360	.741
365.	120.0	1163.25	1.352	3.841	4.2058	11.889	20.212	3.896	1.006	.355	.740
370.	120.0	1182.68	1.353	3.830	4.2369	11.944	20.366	3.933	1.006	.350	.740
375.	120.0	1202.11	1.354	3.820	4.2679	11.998	20.519	3.970	1.006	.346	.739
380.	120.0	1221.54	1.356	3.810	4.2989	12.053	20.673	4.007	1.006	.341	.738
385.	120.0	1240.97	1.357	3.799	4.3300	12.108	20.827	4.044	1.006	.337	.738
390.	120.0	1260.40	1.358	3.789	4.3610	12.163	20.980	4.081	1.006	.332	.737
395.	120.0	1279.83	1.350	3.779	4.3920	12.218	21.134	4.118	1.006	.328	.736
400.	120.0	1301.28	1.363	3.746	4.4367	12.265	21.509	4.164	1.006	.324	.725
420.	120.0	1372.89	1.366	3.725	4.5392	12.421	22.122	4.286	1.006	.309	.722
440.	120.0	1444.51	1.369	3.703	4.6417	12.578	22.736	4.409	1.006	.295	.718
460.	120.0	1516.12	1.372	3.681	4.7442	12.735	23.350	4.532	1.006	.282	.714

480.	120.0	1587.73	1.374	3.659	4.8467	12.892	23.963	4.655	1.005	.270	.711
500.	120.0	1659.34	1.377	3.637	4.9492	13.049	24.577	4.777	1.005	.259	.707
520.	120.0	1730.96	1.380	3.615	5.0516	13.206	25.191	4.900	1.005	.250	.703
540.	120.0	1802.57	1.382	3.594	5.1541	13.363	25.804	5.023	1.005	.240	.700
560.	120.0	1874.18	1.385	3.572	5.2566	13.520	26.418	5.146	1.005	.232	.696
580.	120.0	1945.80	1.388	3.550	5.3591	13.677	27.032	5.269	1.005	.224	.692
600.	120.0	2017.41	1.390	3.528	5.4616	13.833	27.646	5.391	1.005	.216	.688
620.	120.0	2089.02	1.393	3.506	5.5641	13.990	28.259	5.514	1.005	.209	.684
640.	120.0	2160.63	1.396	3.485	5.6665	14.147	28.873	5.637	1.004	.203	.680
660.	120.0	2231.07	1.397	3.474	5.7575	14.271	29.497	5.753	1.004	.197	.677
680.	120.0	2300.32	1.397	3.474	5.8369	14.361	30.130	5.861	1.004	.191	.676
700.	120.0	2369.58	1.397	3.474	5.9163	14.452	30.764	5.970	1.004	.186	.674
720.	120.0	2438.83	1.397	3.474	5.9957	14.543	31.397	6.079	1.004	.180	.673
740.	120.0	2508.08	1.397	3.474	6.0751	14.633	32.031	6.187	1.004	.176	.671
760.	120.0	2577.34	1.397	3.475	6.1545	14.724	32.665	6.296	1.004	.171	.670
780.	120.0	2646.59	1.397	3.475	6.2339	14.814	33.298	6.405	1.004	.167	.668
800.	120.0	2715.85	1.397	3.475	6.3133	14.905	33.932	6.513	1.004	.162	.667
820.	120.0	2785.10	1.397	3.475	6.3928	14.995	34.565	6.622	1.004	.158	.666
840.	120.0	2854.36	1.397	3.475	6.4722	15.086	35.199	6.731	1.003	.155	.665
860.	120.0	2923.61	1.397	3.475	6.5516	15.176	35.833	6.839	1.003	.151	.663
880.	120.0	2992.87	1.396	3.476	6.6310	15.267	36.466	6.948	1.003	.148	.662
900.	120.0	3062.12	1.396	3.476	6.7104	15.358	37.100	7.057	1.003	.144	.661
920.	120.0	3131.64	1.396	3.476	6.7797	15.425	37.795	7.161	1.003	.141	.659
940.	120.0	3201.17	1.396	3.476	6.8490	15.492	38.490	7.265	1.003	.138	.656
960.	120.0	3270.69	1.396	3.475	6.9184	15.560	39.185	7.369	1.003	.135	.654
980.	120.0	3340.22	1.396	3.475	6.9877	15.627	39.880	7.473	1.003	.133	.651
1000.	120.0	3409.74	1.396	3.475	7.0570	15.694	40.575	7.577	1.003	.130	.649
1050.	120.0	3583.56	1.396	3.475	7.2304	15.863	42.313	7.838	1.003	.124	.644
1100.	120.0	3757.37	1.396	3.475	7.4037	16.031	44.051	8.098	1.003	.118	.639
1150.	120.0	3931.18	1.396	3.474	7.5770	16.199	45.789	8.358	1.003	.113	.634
1200.	120.0	4105.63	1.395	3.481	7.7288	16.336	46.806	8.636	1.003	.108	.642
1250.	120.0	4280.08	1.394	3.488	7.8805	16.473	47.822	8.914	1.002	.104	.650
1300.	120.0	4454.52	1.393	3.495	8.0322	16.609	48.839	9.192	1.002	.100	.658
1350.	120.0	4628.97	1.392	3.501	8.1839	16.745	49.856	9.470	1.002	.096	.665
1400.	120.0	4803.42	1.391	3.504	8.3465	16.893	50.313	9.779	1.002	.093	.681
1450.	120.0	4978.95	1.390	3.515	8.4765	17.000	51.738	10.018	1.002	.090	.681
1500.	120.0	5156.67	1.388	3.525	8.6064	17.106	53.163	10.257	1.002	.087	.680
1550.	120.0	5334.40	1.387	3.535	8.7364	17.212	54.588	10.496	1.002	.084	.680
1600.	120.0	5512.13	1.385	3.545	8.8664	17.318	56.013	10.735	1.002	.081	.679
1650.	120.0	5689.85	1.384	3.556	8.9964	17.425	57.439	10.973	1.002	.079	.679
1700.	120.0	5867.58	1.382	3.566	9.1263	17.531	58.864	11.212	1.002	.077	.679
1750.	120.0	6045.31	1.380	3.576	9.2563	17.637	60.289	11.451	1.002	.074	.679
1800.	120.0	6223.03	1.379	3.587	9.3863	17.743	61.714	11.690	1.002	.072	.679
1850.	120.0	6400.76	1.377	3.597	9.5163	17.849	63.139	11.929	1.002	.070	.680
1900.	120.0	6578.49	1.376	3.607	9.6462	17.956	64.564	12.167	1.002	.069	.680
1950.	120.0	6756.21	1.374	3.618	9.7762	18.062	65.989	12.406	1.001	.067	.680
2000.	120.0	6933.94	1.373	3.628	9.9062	18.168	67.414	12.645	1.001	.065	.680
2050.	120.0	7119.52	1.371	3.642	10.0128	18.246	68.933	12.887	1.001	.064	.680
2100.	120.0	7305.10	1.369	3.657	10.1195	18.328	70.452	13.089	1.001	.062	.679
2150.	120.0	7490.68	1.367	3.672	10.2261	18.408	71.970	13.311	1.001	.061	.679
2200.	120.0	7676.26	1.365	3.686	10.3327	18.489	73.489	13.533	1.001	.059	.679
2250.	120.0	7861.84	1.363	3.701	10.4394	18.569	75.007	13.755	1.001	.058	.679
2300.	120.0	8047.42	1.361	3.715	10.5460	18.649	76.526	13.977	1.001	.057	.679
2350.	120.0	8233.00	1.359	3.730	10.6525	18.729	78.045	14.200	1.001	.055	.679
2400.	120.0	8418.58	1.357	3.744	10.7592	18.809	79.563	14.422	1.001	.054	.679
2450.	120.0	8604.16	1.355	3.759	10.8658	18.889	81.082	14.644	1.001	.053	.679
2500.	120.0	8789.74	1.354	3.773	10.9725	18.969	82.601	14.866	1.001	.052	.679
2550.	120.0	8975.32	1.352	3.788	11.0792	19.049	84.119	15.088	1.001	.051	.679
2600.	120.0	9160.90	1.350	3.803	11.1858	19.129	85.638	15.310	1.001	.050	.680
2650.	120.0	9355.11	1.348	3.817	11.2795	19.196	87.222	15.522	1.001	.049	.679
2700.	120.0	9549.32	1.346	3.832	11.3725	19.264	88.806	15.734	1.001	.048	.679
2750.	120.0	9743.52	1.345	3.847	11.4664	19.331	90.390	15.946	1.001	.047	.679

2800.	120.0	9937.73	1.343	3.862	11.5599	19.398	91.974	16.158	1.001	.047	.678
2850.	120.0	10131.94	1.341	3.877	11.6535	19.465	93.558	16.370	1.001	.046	.678
2900.	120.0	10326.15	1.339	3.892	11.7470	19.532	95.142	16.581	1.001	.045	.678
2950.	120.0	10520.36	1.338	3.907	11.8405	19.599	96.726	16.793	1.001	.044	.678
3000.	120.0	10714.57	1.336	3.921	11.9341	19.666	98.310	17.005	1.001	.043	.673
3050.	120.0	10908.77	1.334	3.936	12.0275	19.733	99.894	17.217	1.001	.043	.676
3100.	120.0	11102.98	1.332	3.951	12.1211	19.800	101.478	17.429	1.001	.042	.679
3150.	120.0	11297.19	1.331	3.966	12.2147	19.867	103.062	17.641	1.001	.041	.679
3200.	120.0	11491.40	1.329	3.981	12.3082	19.934	104.646	17.853	1.001	.041	.679
3250.	120.0	11698.25	1.327	4.008	12.3885	19.993	106.918	18.057	1.001	.040	.677
3300.	120.0	11905.10	1.325	4.036	12.4688	20.052	109.190	18.261	1.001	.039	.675
3350.	120.0	12111.95	1.322	4.064	12.5490	20.111	111.462	18.465	1.001	.039	.673
3400.	120.0	12318.80	1.320	4.091	12.6293	20.169	113.734	18.669	1.001	.038	.672
3450.	120.0	12525.65	1.318	4.119	12.7095	20.228	116.006	18.873	1.001	.038	.670
3500.	120.0	12732.50	1.316	4.147	12.7899	20.287	118.278	19.077	1.001	.037	.669
3550.	120.0	12939.35	1.313	4.175	12.8702	20.346	120.550	19.281	1.001	.037	.668
3600.	120.0	13146.20	1.311	4.202	12.9505	20.405	122.822	19.486	1.001	.036	.667
3650.	120.0	13353.05	1.309	4.230	13.0307	20.463	125.094	19.690	1.001	.036	.666
3700.	120.0	13559.90	1.307	4.258	13.1110	20.522	127.366	19.894	1.001	.035	.665
3750.	120.0	13766.75	1.304	4.285	13.1913	20.581	129.638	20.098	1.001	.035	.664
3800.	120.0	13968.00	1.303	4.290	13.2754	20.476	130.880	20.300	1.001	.034	.665
3850.	120.0	14191.30	1.301	4.342	13.3451	20.532	134.523	20.500	1.001	.034	.662
3900.	120.0	14414.60	1.298	4.394	13.4149	20.588	138.167	20.699	1.001	.033	.658
3950.	120.0	14637.90	1.295	4.446	13.4846	20.644	141.810	20.899	1.002	.033	.655
4000.	120.0	14861.20	1.292	4.498	13.5544	20.700	145.454	21.098	1.002	.033	.652
4050.	120.0	15084.50	1.289	4.549	13.6241	20.757	149.097	21.298	1.002	.032	.650
4100.	120.0	15307.80	1.286	4.601	13.6939	20.813	152.741	21.498	1.002	.032	.648
4150.	120.0	15531.10	1.283	4.653	13.7636	20.869	156.384	21.697	1.002	.031	.646
4200.	120.0	15754.40	1.280	4.705	13.8334	20.925	160.028	21.897	1.002	.031	.644
4250.	120.0	16006.52	1.276	4.801	13.8945	20.982	166.373	22.094	1.003	.031	.638
4300.	120.0	16258.65	1.272	4.898	13.9557	21.040	172.718	22.291	1.003	.030	.632
4350.	120.0	16510.77	1.269	4.995	14.0168	21.097	179.064	22.488	1.004	.030	.627
4400.	120.0	16762.90	1.265	5.091	14.0780	21.154	185.409	22.686	1.004	.030	.623
4450.	120.0	17015.02	1.262	5.188	14.1391	21.212	191.754	22.883	1.004	.029	.619
4500.	120.0	17267.15	1.258	5.284	14.2003	21.269	198.099	23.080	1.005	.029	.616
4550.	120.0	17519.27	1.254	5.381	14.2614	21.327	204.445	23.277	1.005	.029	.613
4600.	120.0	17771.40	1.251	5.477	14.3225	21.384	210.790	23.474	1.006	.028	.610
4650.	120.0	18078.67	1.247	5.646	14.3824	21.448	221.905	23.671	1.007	.028	.602
4700.	120.0	18385.95	1.244	5.814	14.4421	21.512	233.021	23.867	1.007	.028	.595
4750.	120.0	18693.22	1.241	5.982	14.5019	21.576	244.136	24.063	1.008	.027	.590
4800.	120.0	19000.50	1.238	6.151	14.5617	21.640	255.252	24.260	1.009	.027	.585
4850.	120.0	19307.77	1.234	6.319	14.6215	21.703	266.367	24.456	1.010	.027	.580
4900.	120.0	19615.05	1.231	6.487	14.6812	21.767	277.483	24.653	1.011	.026	.576
4950.	120.0	19922.32	1.228	6.656	14.7410	21.831	288.598	24.849	1.012	.026	.573
5000.	120.0	20229.60	1.224	6.824	14.8008	21.895	299.714	25.046	1.013	.026	.570

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY RATIO LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	CUMPL. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
										R=9200	
36.	140.0	-107.73	1.612	2.189	4.5189	1.832	15.559	8.123	.162	26.111	1.143
38.	140.0	-103.07	1.688	2.343	4.4045	1.955	15.400	7.479	.156	25.609	1.138
40.	140.0	-98.42	1.764	2.497	4.2901	2.078	15.241	6.835	.151	25.218	1.120
42.	140.0	-93.05	1.873	2.691	4.1517	2.206	15.084	6.331	.147	24.642	1.130
44.	140.0	-87.69	1.982	2.885	4.0133	2.333	14.927	5.828	.143	24.149	1.127
46.	140.0	-81.41	2.146	3.159	3.8400	2.470	14.738	5.397	.141	23.469	1.157
48.	140.0	-75.14	2.311	3.432	3.6667	2.607	14.549	4.966	.139	22.857	1.172
50.	140.0	-67.39	2.596	3.897	3.4314	2.762	14.276	4.566	.138	21.976	1.246
52.	140.0	-59.64	2.882	4.362	3.1960	2.917	14.004	4.166	.138	21.162	1.298
54.	140.0	-49.18	3.712	5.720	2.8598	3.113	13.551	3.733	.142	19.870	1.576
56.	140.0	-73.27	4.294	7.551	1.4929	5.312	7.104	1.159	.576	4.718	1.232
58.	140.0	87.25	3.502	6.074	1.5823	5.556	6.719	1.147	.646	4.063	1.037
60.	140.0	98.40	2.985	5.033	1.6518	5.746	6.467	1.152	.695	3.647	.896
62.	140.0	107.30	2.782	4.588	1.7156	5.893	6.322	1.169	.730	3.364	.849
64.	140.0	116.59	2.475	3.955	1.7754	6.046	6.170	1.179	.765	3.108	.756
66.	140.0	123.71	2.398	3.807	1.8208	6.150	6.129	1.201	.783	2.943	.746
68.	140.0	130.82	2.321	3.660	1.8661	6.254	6.087	1.223	.802	2.791	.735
70.	140.0	137.94	2.244	3.512	1.9115	6.358	6.045	1.244	.820	2.650	.723
72.	140.0	145.05	2.167	3.365	1.9558	6.461	6.003	1.266	.839	2.520	.710
74.	140.0	152.16	2.090	3.217	2.0022	6.565	5.961	1.288	.857	2.399	.695
76.	140.0	158.31	2.061	3.169	2.0366	6.643	5.985	1.311	.866	2.311	.694
78.	140.0	164.46	2.032	3.121	2.0710	6.720	6.008	1.334	.876	2.228	.693
80.	140.0	170.60	2.002	3.072	2.1054	6.798	6.032	1.357	.885	2.150	.691
82.	140.0	176.75	1.973	3.024	2.1398	6.875	6.055	1.380	.894	2.075	.689
84.	140.0	182.89	1.943	2.976	2.1741	6.953	6.079	1.404	.903	2.005	.687
86.	140.0	188.70	1.925	2.950	2.2037	7.018	6.129	1.427	.909	1.946	.687
88.	140.0	194.51	1.907	2.925	2.2333	7.084	6.180	1.450	.915	1.889	.686
90.	140.0	200.32	1.889	2.900	2.2629	7.149	6.231	1.473	.921	1.836	.685
92.	140.0	206.12	1.871	2.874	2.2924	7.214	6.281	1.496	.927	1.784	.684
94.	140.0	211.93	1.853	2.845	2.3220	7.279	6.332	1.519	.933	1.735	.683
96.	140.0	217.56	1.841	2.831	2.3475	7.336	6.401	1.541	.937	1.692	.683
98.	140.0	223.19	1.828	2.826	2.3731	7.393	6.470	1.564	.940	1.651	.683
100.	140.0	228.81	1.815	2.815	2.3986	7.449	6.539	1.586	.944	1.611	.683
102.	140.0	234.44	1.803	2.804	2.4241	7.506	6.608	1.609	.948	1.574	.683
104.	140.0	240.00	1.790	2.785	2.4555	7.588	6.675	1.633	.953	1.535	.681
106.	140.0	245.58	1.780	2.781	2.4752	7.636	6.767	1.654	.955	1.503	.681
108.	140.0	251.16	1.770	2.791	2.4950	7.685	6.859	1.675	.957	1.472	.682
110.	140.0	256.74	1.760	2.795	2.5147	7.733	6.950	1.697	.959	1.442	.682
112.	140.0	262.33	1.751	2.795	2.5344	7.782	7.042	1.718	.961	1.414	.683
114.	140.0	267.91	1.741	2.805	2.5541	7.830	7.134	1.739	.963	1.386	.683
116.	140.0	273.49	1.731	2.807	2.5739	7.879	7.225	1.761	.965	1.359	.684
118.	140.0	279.07	1.721	2.815	2.5936	7.927	7.317	1.782	.967	1.334	.685
120.	140.0	284.65	1.711	2.815	2.6133	7.976	7.409	1.803	.969	1.309	.685
122.	140.0	290.23	1.701	2.819	2.6331	8.025	7.501	1.825	.971	1.285	.686
124.	140.0	295.81	1.691	2.823	2.6528	8.073	7.592	1.846	.973	1.262	.686
126.	140.0	301.39	1.682	2.827	2.6725	8.122	7.684	1.867	.975	1.239	.687
128.	140.0	306.97	1.672	2.831	2.6922	8.170	7.776	1.889	.977	1.217	.687
130.	140.0	312.55	1.662	2.835	2.7120	8.219	7.868	1.910	.979	1.196	.688
132.	140.0	318.13	1.652	2.838	2.7317	8.267	7.959	1.931	.981	1.176	.689
134.	140.0	323.72	1.642	2.842	2.7514	8.316	8.051	1.953	.983	1.156	.689
136.	140.0	329.30	1.632	2.846	2.7712	8.364	8.143	1.974	.985	1.136	.690
138.	140.0	335.26	1.624	2.865	2.7848	8.403	8.262	1.993	.985	1.119	.691
140.	140.0	341.23	1.616	2.884	2.7985	8.441	8.381	2.013	.986	1.102	.693
142.	140.0	347.20	1.609	2.903	2.8121	8.479	8.500	2.033	.987	1.086	.694
144.	140.0	353.17	1.601	2.921	2.8257	8.518	8.619	2.052	.987	1.070	.696
146.	140.0	359.14	1.593	2.940	2.8394	8.556	8.738	2.072	.988	1.055	.697
148.	140.0	365.11	1.585	2.959	2.8530	8.594	8.857	2.091	.989	1.040	.699
150.	140.0	371.07	1.577	2.977	2.8667	8.633	8.976	2.111	.989	1.025	.700

152.	140.0	377.04	1.569	2.996	2.8803	8.671	9.095	2.130	.990	1.011	.702
154.	140.0	383.01	1.561	3.015	2.3943	3.703	9.214	2.150	.991	.997	.703
156.	140.0	388.98	1.553	3.033	2.9076	3.748	9.333	2.170	.992	.984	.705
158.	140.0	394.95	1.545	3.052	2.9213	8.786	9.452	2.189	.992	.971	.707
160.	140.0	400.91	1.537	3.071	2.9349	3.824	9.571	2.209	.993	.958	.709
162.	140.0	406.88	1.530	3.090	2.9486	8.863	9.690	2.228	.994	.945	.710
164.	140.0	412.85	1.522	3.108	2.9622	8.901	9.809	2.248	.994	.933	.712
166.	140.0	418.82	1.514	3.127	2.9759	8.933	9.928	2.268	.995	.921	.714
168.	140.0	424.79	1.506	3.146	2.9895	8.979	10.047	2.287	.996	.910	.716
170.	140.0	431.48	1.500	3.167	3.0013	9.010	10.183	2.305	.996	.899	.717
172.	140.0	438.18	1.495	3.188	3.0130	9.043	10.319	2.324	.996	.888	.718
174.	140.0	444.87	1.489	3.209	3.0248	9.076	10.454	2.342	.997	.877	.719
176.	140.0	451.57	1.483	3.230	3.0365	9.108	10.590	2.360	.997	.867	.720
178.	140.0	458.26	1.478	3.251	3.0483	9.141	10.726	2.378	.998	.857	.721
180.	140.0	464.96	1.472	3.273	3.0600	9.173	10.862	2.396	.998	.847	.722
185.	140.0	481.69	1.458	3.325	3.0894	9.255	11.201	2.442	.999	.823	.725
190.	140.0	498.43	1.444	3.378	3.1198	9.337	11.540	2.488	1.000	.801	.728
195.	140.0	515.17	1.430	3.431	3.1482	9.418	11.880	2.533	1.001	.780	.732
200.	140.0	530.16	1.411	3.524	3.1773	9.523	12.370	2.580	1.002	.759	.735
205.	140.0	549.18	1.407	3.547	3.2088	9.601	12.665	2.622	1.002	.741	.734
210.	140.0	568.20	1.403	3.569	3.2403	9.678	12.959	2.663	1.002	.723	.734
215.	140.0	587.22	1.399	3.592	3.2718	9.755	13.254	2.705	1.003	.706	.733
220.	140.0	606.24	1.396	3.615	3.3033	9.832	13.549	2.747	1.003	.690	.733
225.	140.0	625.25	1.392	3.637	3.3348	9.909	13.844	2.789	1.003	.674	.733
230.	140.0	644.27	1.388	3.660	3.3663	9.987	14.139	2.830	1.003	.659	.733
235.	140.0	663.29	1.384	3.683	3.3978	10.064	14.434	2.872	1.004	.645	.733
240.	140.0	682.31	1.381	3.705	3.4292	10.141	14.729	2.914	1.004	.632	.733
245.	140.0	701.32	1.377	3.728	3.4607	10.218	15.024	2.956	1.004	.618	.733
250.	140.0	720.34	1.373	3.751	3.4922	10.296	15.319	2.997	1.004	.606	.734
255.	140.0	739.36	1.369	3.773	3.5237	10.373	15.614	3.039	1.005	.594	.734
260.	140.0	758.38	1.366	3.796	3.5552	10.450	15.909	3.081	1.005	.582	.735
265.	140.0	777.40	1.362	3.819	3.5867	10.527	16.204	3.123	1.005	.571	.736
270.	140.0	796.41	1.358	3.841	3.6182	10.604	16.499	3.165	1.005	.561	.737
275.	140.0	815.43	1.354	3.864	3.6497	10.682	16.794	3.206	1.006	.550	.738
280.	140.0	834.45	1.351	3.887	3.6812	10.759	17.089	3.248	1.006	.540	.739
285.	140.0	853.47	1.347	3.909	3.7127	10.836	17.384	3.290	1.006	.531	.740
290.	140.0	872.48	1.343	3.932	3.7442	10.913	17.679	3.332	1.006	.521	.741
295.	140.0	891.50	1.339	3.955	3.7757	10.991	17.974	3.373	1.007	.512	.742
300.	140.0	910.52	1.336	3.977	3.8072	11.068	18.269	3.415	1.007	.504	.744
305.	140.0	929.95	1.337	3.967	3.8382	11.123	18.421	3.452	1.007	.495	.743
310.	140.0	949.40	1.338	3.957	3.8692	11.178	18.574	3.489	1.007	.487	.743
315.	140.0	968.84	1.340	3.946	3.9003	11.232	18.726	3.526	1.007	.480	.743
320.	140.0	988.28	1.341	3.936	3.9313	11.287	18.879	3.563	1.007	.472	.743
325.	140.0	1007.72	1.342	3.926	3.9624	11.342	19.031	3.600	1.007	.465	.743
330.	140.0	1027.16	1.343	3.915	3.9934	11.397	19.184	3.637	1.007	.458	.742
335.	140.0	1046.60	1.345	3.905	4.0244	11.452	19.336	3.674	1.007	.451	.742
340.	140.0	1066.04	1.346	3.895	4.0555	11.507	19.489	3.711	1.007	.444	.742
345.	140.0	1085.48	1.347	3.884	4.0865	11.562	19.641	3.748	1.007	.438	.741
350.	140.0	1104.92	1.349	3.874	4.1176	11.617	19.794	3.786	1.007	.432	.741
355.	140.0	1124.35	1.350	3.863	4.1486	11.672	19.946	3.823	1.007	.426	.740
360.	140.0	1143.80	1.351	3.853	4.1796	11.726	20.099	3.860	1.007	.420	.740
365.	140.0	1163.24	1.352	3.843	4.2107	11.781	20.251	3.897	1.007	.414	.739
370.	140.0	1182.68	1.354	3.832	4.2417	11.836	20.404	3.934	1.007	.408	.739
375.	140.0	1202.12	1.355	3.822	4.2728	11.891	20.556	3.971	1.007	.403	.738
380.	140.0	1221.55	1.356	3.812	4.3038	11.946	20.709	4.008	1.007	.398	.738
385.	140.0	1241.00	1.358	3.801	4.3348	12.001	20.861	4.045	1.007	.393	.737
390.	140.0	1260.44	1.359	3.791	4.3659	12.056	21.014	4.082	1.007	.388	.736
395.	140.0	1279.88	1.360	3.781	4.3969	12.111	21.166	4.119	1.007	.383	.736
400.	140.0	1301.36	1.364	3.748	4.4416	12.169	21.540	4.164	1.007	.378	.725
420.	140.0	1372.99	1.367	3.726	4.5441	12.321	22.152	4.287	1.007	.360	.721
440.	140.0	1444.63	1.369	3.704	4.6465	12.472	22.764	4.410	1.007	.344	.718
460.	140.0	1516.25	1.372	3.682	4.7490	12.623	23.376	4.532	1.006	.329	.714

480.	140.0	1587.89	1.375	3.660	4.8514	12.775	23.988	4.655	1.006	.315	.710
500.	140.0	1659.53	1.377	3.638	4.9538	12.926	24.600	4.778	1.006	.302	.707
520.	140.0	1731.16	1.380	3.616	5.0563	13.077	25.212	4.901	1.006	.291	.703
540.	140.0	1802.80	1.383	3.595	5.1587	13.229	25.824	5.023	1.006	.280	.699
560.	140.0	1874.43	1.385	3.573	5.2611	13.380	26.436	5.146	1.006	.270	.695
580.	140.0	1946.06	1.388	3.551	5.3635	13.531	27.048	5.269	1.006	.261	.692
600.	140.0	2017.70	1.390	3.529	5.4660	13.683	27.660	5.391	1.005	.252	.688
620.	140.0	2089.33	1.393	3.507	5.5684	13.834	28.272	5.514	1.005	.244	.684
640.	140.0	2160.96	1.396	3.485	5.6709	13.986	28.884	5.637	1.005	.237	.680
660.	140.0	2231.41	1.397	3.474	5.7618	14.106	29.506	5.753	1.005	.229	.677
680.	140.0	2300.67	1.397	3.474	5.8411	14.196	30.139	5.861	1.005	.223	.676
700.	140.0	2369.93	1.397	3.474	5.9205	14.285	30.773	5.970	1.005	.216	.674
720.	140.0	2439.19	1.397	3.475	5.9993	14.375	31.406	6.079	1.005	.210	.673
740.	140.0	2508.45	1.397	3.475	6.0792	14.465	32.039	6.187	1.005	.205	.671
760.	140.0	2577.71	1.397	3.475	6.1586	14.554	32.672	6.296	1.004	.199	.670
780.	140.0	2646.98	1.397	3.475	6.2379	14.644	33.305	6.405	1.004	.194	.668
800.	140.0	2716.24	1.397	3.475	6.3173	14.734	33.939	6.513	1.004	.189	.667
820.	140.0	2785.50	1.397	3.475	6.3965	14.823	34.572	6.622	1.004	.185	.666
840.	140.0	2854.76	1.397	3.476	6.4760	14.913	35.205	6.731	1.004	.180	.664
860.	140.0	2924.02	1.397	3.476	6.5553	15.003	35.838	6.839	1.004	.176	.663
880.	140.0	2993.28	1.396	3.476	6.6347	15.093	36.471	6.948	1.004	.172	.662
900.	140.0	3062.54	1.396	3.476	6.7141	15.182	37.105	7.056	1.004	.168	.661
920.	140.0	3132.07	1.396	3.476	6.7834	15.250	37.800	7.161	1.004	.165	.658
940.	140.0	3201.60	1.396	3.476	6.8526	15.317	38.494	7.265	1.004	.161	.656
960.	140.0	3271.13	1.396	3.476	6.9219	15.385	39.189	7.369	1.004	.158	.654
980.	140.0	3340.66	1.396	3.476	6.9912	15.452	39.884	7.473	1.004	.155	.651
1000.	140.0	3410.19	1.396	3.475	7.0605	15.520	40.579	7.577	1.003	.152	.649
1050.	140.0	3584.01	1.396	3.475	7.2338	15.688	42.317	7.837	1.003	.144	.644
1100.	140.0	3757.84	1.396	3.475	7.4070	15.857	44.054	8.098	1.003	.138	.639
1150.	140.0	3931.66	1.396	3.475	7.5802	16.026	45.791	8.358	1.003	.132	.634
1200.	140.0	4106.12	1.395	3.481	7.7319	16.162	45.808	8.636	1.003	.126	.642
1250.	140.0	4280.57	1.394	3.488	7.8835	16.299	47.824	8.914	1.003	.121	.650
1300.	140.0	4455.03	1.393	3.495	8.0352	16.435	48.841	9.192	1.003	.117	.658
1350.	140.0	4629.48	1.392	3.501	8.1868	16.572	49.857	9.470	1.003	.112	.665
1400.	140.0	4801.74	1.391	3.504	8.3493	16.720	50.313	9.779	1.002	.108	.681
1450.	140.0	4979.47	1.390	3.515	8.4792	16.826	51.738	10.018	1.002	.105	.681
1500.	140.0	5157.20	1.388	3.525	8.6091	16.932	53.163	10.257	1.002	.101	.680
1550.	140.0	5334.92	1.387	3.535	8.7390	17.038	54.588	10.496	1.002	.098	.680
1600.	140.0	5512.65	1.385	3.545	8.8690	17.145	56.014	10.735	1.002	.095	.679
1650.	140.0	5690.38	1.384	3.556	8.9989	17.251	57.439	10.973	1.002	.092	.679
1700.	140.0	5868.11	1.382	3.566	9.1288	17.357	58.864	11.212	1.002	.089	.679
1750.	140.0	6045.84	1.380	3.576	9.2588	17.463	60.289	11.451	1.002	.087	.679
1800.	140.0	6223.57	1.379	3.587	9.3887	17.570	61.714	11.690	1.002	.084	.679
1850.	140.0	6401.29	1.377	3.597	9.5186	17.676	63.139	11.929	1.002	.082	.680
1900.	140.0	6579.02	1.376	3.607	9.6485	17.782	64.564	12.167	1.002	.080	.680
1950.	140.0	6756.75	1.374	3.618	9.7785	17.888	65.990	12.406	1.002	.078	.680
2000.	140.0	6934.48	1.373	3.628	9.9084	17.994	67.415	12.645	1.002	.076	.680
2050.	140.0	7120.06	1.371	3.642	10.0150	18.075	68.933	12.867	1.002	.074	.680
2100.	140.0	7305.63	1.369	3.657	10.1216	18.155	70.451	13.089	1.002	.072	.679
2150.	140.0	7491.21	1.367	3.672	10.2282	18.235	71.970	13.311	1.002	.071	.679
2200.	140.0	7676.79	1.365	3.686	10.3348	18.315	73.488	13.532	1.001	.069	.679
2250.	140.0	7862.36	1.363	3.701	10.4414	18.395	75.006	13.755	1.001	.068	.679
2300.	140.0	8047.94	1.361	3.715	10.5480	18.475	76.525	13.977	1.001	.066	.679
2350.	140.0	8233.52	1.359	3.730	10.6546	18.555	78.043	14.200	1.001	.065	.679
2400.	140.0	8419.09	1.357	3.744	10.7612	18.635	79.561	14.422	1.001	.063	.679
2450.	140.0	8604.67	1.355	3.759	10.8678	18.715	81.080	14.644	1.001	.062	.679
2500.	140.0	8790.25	1.354	3.773	10.9744	18.796	82.598	14.866	1.001	.061	.679
2550.	140.0	8975.82	1.352	3.788	11.0810	18.876	84.116	15.088	1.001	.060	.679
2600.	140.0	9161.40	1.350	3.803	11.1876	18.956	85.635	15.310	1.001	.058	.680
2650.	140.0	9355.60	1.348	3.817	11.2812	19.023	87.216	15.522	1.001	.057	.679
2700.	140.0	9549.80	1.346	3.832	11.3747	19.090	88.797	15.734	1.001	.056	.679
2750.	140.0	9744.00	1.345	3.847	11.4683	19.157	90.379	15.946	1.001	.055	.679

2800.	140.0	9938.20	1.343	3.862	11.5613	19.224	91.960	16.158	1.001	.054	.678
2850.	140.0	10132.40	1.341	3.875	11.6554	19.291	93.542	16.370	1.001	.053	.674
2900.	140.0	10326.60	1.339	3.891	11.7493	19.353	95.123	16.581	1.001	.052	.678
2950.	140.0	10520.80	1.338	3.906	11.8426	19.425	96.705	16.793	1.001	.052	.678
3000.	140.0	10715.00	1.336	3.921	11.9351	19.492	98.286	17.005	1.001	.051	.678
3050.	140.0	10909.20	1.334	3.935	12.0297	19.559	99.868	17.217	1.001	.050	.673
3100.	140.0	11103.40	1.333	3.950	12.1233	19.626	101.449	17.429	1.001	.049	.679
3150.	140.0	11297.60	1.331	3.965	12.2153	19.693	103.031	17.641	1.001	.048	.679
3200.	140.0	11491.80	1.329	3.980	12.3104	19.760	104.612	17.853	1.001	.048	.679
3250.	140.0	11698.25	1.327	4.006	12.3913	19.819	106.824	18.057	1.001	.047	.677
3300.	140.0	11904.70	1.325	4.032	12.4717	19.878	109.037	18.261	1.001	.046	.675
3350.	140.0	12111.15	1.323	4.059	12.5523	19.936	111.249	18.465	1.001	.045	.674
3400.	140.0	12317.60	1.320	4.085	12.6330	19.995	113.461	18.669	1.001	.045	.672
3450.	140.0	12524.05	1.318	4.111	12.7135	20.054	115.674	18.873	1.001	.044	.671
3500.	140.0	12730.50	1.316	4.138	12.7943	20.112	117.886	19.077	1.001	.043	.670
3550.	140.0	12936.95	1.314	4.164	12.8749	20.171	120.098	19.281	1.001	.043	.669
3600.	140.0	13143.40	1.312	4.191	12.9555	20.230	122.311	19.485	1.001	.042	.668
3650.	140.0	13349.85	1.310	4.217	13.0362	20.289	124.523	19.689	1.001	.042	.667
3700.	140.0	13556.30	1.308	4.243	13.1169	20.347	126.735	19.893	1.001	.041	.666
3750.	140.0	13762.75	1.305	4.270	13.1975	20.406	128.948	20.098	1.001	.041	.665
3800.	140.0	13966.00	1.304	4.280	13.2793	20.362	130.440	20.300	1.001	.040	.666
3850.	140.0	14188.35	1.301	4.330	13.3500	20.398	133.967	20.500	1.001	.039	.663
3900.	140.0	14410.70	1.298	4.379	13.4203	20.454	137.494	20.699	1.002	.039	.659
3950.	140.0	14633.05	1.295	4.429	13.4905	20.510	141.021	20.899	1.002	.038	.656
4000.	140.0	14855.40	1.293	4.478	13.5608	20.565	144.548	21.098	1.002	.038	.654
4050.	140.0	15077.75	1.290	4.528	13.6313	20.621	148.075	21.298	1.002	.037	.651
4100.	140.0	15300.10	1.287	4.577	13.7013	20.677	151.602	21.498	1.002	.037	.649
4150.	140.0	15522.45	1.284	4.627	13.7715	20.733	155.129	21.697	1.002	.037	.647
4200.	140.0	15744.80	1.281	4.677	13.8418	20.789	158.656	21.897	1.002	.036	.645
4250.	140.0	15994.67	1.278	4.768	13.9035	20.846	154.735	22.094	1.003	.036	.640
4300.	140.0	16244.55	1.274	4.860	13.9654	20.903	170.814	22.291	1.003	.035	.634
4350.	140.0	16494.42	1.271	4.952	14.0272	20.960	176.394	22.488	1.004	.035	.629
4400.	140.0	16744.30	1.267	5.043	14.0893	21.016	182.973	22.685	1.004	.034	.625
4450.	140.0	16994.17	1.263	5.135	14.1503	21.073	189.052	22.882	1.004	.034	.622
4500.	140.0	17244.05	1.260	5.227	14.2126	21.130	195.131	23.079	1.005	.034	.618
4550.	140.0	17493.92	1.256	5.318	14.2744	21.187	201.211	23.276	1.005	.033	.615
4600.	140.0	17743.80	1.253	5.410	14.3362	21.244	207.290	23.473	1.005	.033	.613
4650.	140.0	18045.97	1.250	5.569	14.3961	21.307	217.876	23.670	1.006	.033	.605
4700.	140.0	18348.15	1.246	5.729	14.4560	21.370	228.462	23.866	1.007	.032	.598
4750.	140.0	18650.32	1.243	5.888	14.5150	21.432	239.048	24.062	1.008	.032	.593
4800.	140.0	18952.50	1.240	6.048	14.5759	21.495	249.634	24.258	1.009	.031	.588
4850.	140.0	19254.67	1.237	6.207	14.6353	21.558	250.220	24.455	1.010	.031	.583
4900.	140.0	19556.85	1.234	6.367	14.6957	21.621	270.806	24.651	1.011	.031	.580
4950.	140.0	19859.02	1.230	6.526	14.7557	21.684	281.392	24.847	1.012	.030	.576
5000.	140.0	20161.20	1.227	6.686	14.8155	21.746	291.978	25.043	1.013	.030	.573

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	160.0	-107.15	1.604	2.178	4.5463	1.825	15.598	8.200	.185	26.171	1.145
38.	160.0	-102.52	1.678	2.329	4.4340	1.947	15.438	7.552	.178	25.675	1.139
40.	160.0	-97.89	1.752	2.479	4.3217	2.070	15.279	6.904	.172	25.291	1.120
42.	160.0	-92.58	1.855	2.665	4.1873	2.196	15.125	6.400	.167	24.725	1.127
44.	160.0	-87.27	1.959	2.851	4.0530	2.323	14.971	5.895	.163	24.244	1.122
46.	160.0	-81.06	2.119	3.118	3.8849	2.458	14.787	5.466	.160	23.576	1.152
48.	160.0	-74.86	2.279	3.385	3.7168	2.593	14.603	5.036	.158	22.977	1.167
50.	160.0	-67.43	2.504	3.751	3.4987	2.742	14.355	4.645	.157	22.159	1.214
52.	160.0	-60.01	2.729	4.117	3.2806	2.891	14.108	4.255	.156	21.406	1.242
54.	160.0	-49.18	3.669	5.665	2.9438	3.091	13.635	3.823	.161	20.031	1.589
56.	160.0	-37.82	4.738	7.427	2.5907	3.299	13.124	3.382	.166	18.677	1.914
58.	160.0	68.89	5.238	9.424	1.5117	5.162	7.723	1.266	.541	5.545	1.545
60.	160.0	86.14	3.926	6.965	1.6031	5.455	7.252	1.219	.626	4.631	1.171
62.	160.0	98.13	3.182	5.361	1.6812	5.652	6.979	1.215	.679	4.131	.932
64.	160.0	108.30	2.835	4.633	1.7504	5.817	6.766	1.222	.721	3.769	.836
66.	160.0	116.11	2.702	4.377	1.7987	5.931	6.689	1.239	.744	3.543	.811
68.	160.0	123.91	2.570	4.121	1.8471	6.045	6.612	1.256	.767	3.336	.783
70.	160.0	131.72	2.437	3.864	1.8954	6.160	6.535	1.273	.790	3.147	.753
72.	160.0	139.52	2.304	3.608	1.9438	6.274	6.458	1.290	.812	2.973	.721
74.	160.0	147.33	2.172	3.352	1.9922	6.388	6.381	1.307	.835	2.813	.587
76.	160.0	153.70	2.137	3.297	2.0276	6.468	6.387	1.330	.846	2.704	.686
78.	160.0	160.07	2.103	3.241	2.0631	6.549	6.394	1.352	.857	2.602	.685
80.	160.0	166.45	2.068	3.186	2.0986	6.629	6.401	1.374	.868	2.505	.684
82.	160.0	172.82	2.034	3.130	2.1340	6.710	6.408	1.397	.879	2.414	.682
84.	160.0	179.19	1.999	3.074	2.1695	6.790	6.415	1.419	.889	2.328	.680
86.	160.0	185.15	1.977	3.041	2.1997	6.857	6.454	1.442	.896	2.256	.679
88.	160.0	191.11	1.954	3.008	2.2298	6.924	6.493	1.464	.903	2.189	.678
90.	160.0	197.07	1.932	2.975	2.2500	6.991	6.532	1.486	.910	2.124	.677
92.	160.0	203.03	1.909	2.942	2.2902	7.058	6.571	1.509	.917	2.062	.675
94.	160.0	209.00	1.887	2.908	2.3203	7.125	6.610	1.531	.923	2.004	.674
96.	160.0	214.73	1.872	2.894	2.3451	7.183	6.670	1.553	.928	1.953	.674
98.	160.0	220.45	1.858	2.879	2.3719	7.241	6.731	1.576	.932	1.904	.674
100.	160.0	226.18	1.843	2.865	2.3977	7.299	6.792	1.598	.937	1.857	.674
102.	160.0	231.91	1.829	2.850	2.4234	7.356	6.853	1.620	.941	1.812	.674
104.	160.0	237.60	1.813	2.826	2.4551	7.443	6.911	1.643	.947	1.766	.672
106.	160.0	243.24	1.803	2.828	2.4750	7.491	6.998	1.665	.949	1.729	.673
108.	160.0	248.88	1.792	2.831	2.4949	7.540	7.085	1.686	.951	1.693	.673
110.	160.0	254.52	1.781	2.833	2.5148	7.588	7.172	1.707	.953	1.658	.674
112.	160.0	260.16	1.770	2.836	2.5348	7.636	7.258	1.728	.956	1.625	.675
114.	160.0	265.80	1.760	2.838	2.5547	7.685	7.345	1.749	.958	1.593	.676
116.	160.0	271.44	1.749	2.841	2.5746	7.733	7.432	1.770	.960	1.561	.677
118.	160.0	277.08	1.738	2.843	2.5945	7.781	7.519	1.791	.962	1.531	.677
120.	160.0	282.72	1.727	2.845	2.6144	7.830	7.605	1.812	.965	1.502	.678
122.	160.0	288.36	1.717	2.848	2.6343	7.878	7.692	1.834	.967	1.474	.679
124.	160.0	294.00	1.706	2.850	2.6542	7.926	7.779	1.855	.969	1.447	.680
126.	160.0	299.64	1.695	2.853	2.6742	7.975	7.866	1.876	.971	1.421	.680
128.	160.0	305.28	1.684	2.855	2.6941	8.023	7.952	1.897	.974	1.396	.681
130.	160.0	310.92	1.674	2.858	2.7140	8.072	8.039	1.918	.976	1.371	.682
132.	160.0	316.56	1.663	2.860	2.7339	8.120	8.126	1.939	.978	1.347	.683
134.	160.0	322.20	1.652	2.863	2.7538	8.168	8.213	1.960	.980	1.324	.683
136.	160.0	327.84	1.641	2.865	2.7737	8.217	8.299	1.981	.983	1.302	.684
138.	160.0	333.48	1.633	2.884	2.7875	8.256	8.416	2.001	.983	1.282	.686
140.	160.0	339.84	1.625	2.902	2.8012	8.294	8.533	2.020	.984	1.262	.687
142.	160.0	345.84	1.617	2.920	2.8149	8.333	8.649	2.040	.985	1.244	.688
144.	160.0	351.83	1.609	2.938	2.8287	8.372	8.766	2.059	.986	1.225	.690
146.	160.0	357.83	1.601	2.957	2.8424	8.411	8.882	2.079	.986	1.208	.692
148.	160.0	363.83	1.592	2.975	2.8561	8.450	8.999	2.098	.987	1.190	.694
150.	160.0	369.83	1.584	2.993	2.8698	8.489	9.116	2.118	.988	1.173	.695

152.	160.0	375.82	1.576	3.011	2.8836	8.528	9.212	2.137	.989	1.157	.597
154.	160.0	381.82	1.568	3.030	2.8973	8.567	9.349	2.157	.990	1.141	.699
156.	160.0	387.82	1.560	3.048	2.9110	8.606	9.466	2.176	.990	1.126	.701
158.	160.0	393.82	1.552	3.066	2.9248	8.645	9.582	2.196	.991	1.110	.703
160.	160.0	399.81	1.543	3.084	2.9385	8.684	9.699	2.215	.992	1.096	.705
162.	160.0	405.81	1.535	3.103	2.9522	8.723	9.816	2.235	.993	1.081	.706
164.	160.0	411.81	1.527	3.121	2.9659	8.762	9.932	2.254	.994	1.067	.708
166.	160.0	417.80	1.519	3.139	2.9797	8.801	10.049	2.274	.994	1.054	.710
168.	160.0	423.80	1.511	3.158	2.9934	8.840	10.166	2.293	.995	1.040	.712
170.	160.0	430.52	1.505	3.178	3.0052	8.874	10.300	2.311	.996	1.027	.713
172.	160.0	437.23	1.499	3.199	3.0169	8.909	10.434	2.330	.996	1.015	.714
174.	160.0	443.94	1.493	3.220	3.0287	8.944	10.569	2.348	.997	1.003	.715
176.	160.0	450.65	1.488	3.241	3.0405	8.979	10.703	2.366	.997	.991	.716
178.	160.0	457.37	1.482	3.262	3.0523	9.013	10.838	2.384	.997	.980	.718
180.	160.0	464.08	1.476	3.283	3.0640	9.048	10.972	2.402	.998	.968	.719
185.	160.0	480.87	1.462	3.335	3.0935	9.135	11.308	2.448	.999	.941	.722
190.	160.0	497.65	1.447	3.388	3.1229	9.222	11.645	2.493	1.000	.915	.725
195.	160.0	514.43	1.433	3.440	3.1523	9.308	11.981	2.538	1.001	.891	.729
200.	160.0	529.50	1.413	3.532	3.1815	9.414	12.466	2.585	1.002	.868	.732
205.	160.0	548.54	1.409	3.554	3.2130	9.491	12.759	2.627	1.003	.846	.732
210.	160.0	567.58	1.406	3.577	3.2445	9.568	13.052	2.668	1.003	.826	.731
215.	160.0	586.63	1.402	3.599	3.2761	9.646	13.345	2.710	1.003	.806	.731
220.	160.0	605.67	1.398	3.622	3.3076	9.723	13.637	2.752	1.003	.788	.731
225.	160.0	624.72	1.394	3.644	3.3391	9.800	13.930	2.793	1.004	.770	.731
230.	160.0	643.76	1.390	3.667	3.3705	9.878	14.223	2.835	1.004	.753	.731
235.	160.0	662.81	1.386	3.689	3.4022	9.955	14.516	2.876	1.004	.737	.731
240.	160.0	681.85	1.383	3.711	3.4337	10.032	14.808	2.918	1.005	.721	.731
245.	160.0	700.89	1.379	3.734	3.4652	10.110	15.101	2.959	1.005	.706	.732
250.	160.0	719.94	1.375	3.756	3.4967	10.187	15.394	3.001	1.005	.692	.732
255.	160.0	738.98	1.371	3.779	3.5282	10.264	15.687	3.043	1.005	.678	.733
260.	160.0	758.03	1.367	3.801	3.5598	10.342	15.979	3.084	1.006	.665	.734
265.	160.0	777.07	1.363	3.823	3.5913	10.419	16.272	3.126	1.006	.652	.734
270.	160.0	796.11	1.359	3.846	3.6228	10.496	16.565	3.167	1.006	.640	.735
275.	160.0	815.16	1.356	3.868	3.6543	10.574	16.858	3.209	1.007	.628	.736
280.	160.0	834.20	1.352	3.891	3.6859	10.651	17.150	3.250	1.007	.617	.737
285.	160.0	853.25	1.348	3.913	3.7174	10.728	17.443	3.292	1.007	.606	.739
290.	160.0	872.29	1.344	3.936	3.7489	10.806	17.736	3.334	1.007	.595	.740
295.	160.0	891.34	1.340	3.958	3.7804	10.883	18.029	3.375	1.008	.585	.741
300.	160.0	910.38	1.336	3.980	3.8119	10.960	18.321	3.417	1.008	.575	.742
305.	160.0	929.83	1.338	3.970	3.8430	11.015	18.473	3.454	1.008	.566	.742
310.	160.0	949.28	1.339	3.960	3.8740	11.070	18.624	3.491	1.008	.557	.742
315.	160.0	968.73	1.340	3.949	3.9051	11.125	18.776	3.528	1.008	.548	.742
320.	160.0	988.18	1.342	3.939	3.9361	11.180	18.927	3.565	1.008	.539	.742
325.	160.0	1007.63	1.343	3.928	3.9672	11.235	19.079	3.602	1.008	.531	.742
330.	160.0	1027.08	1.344	3.918	3.9982	11.290	19.230	3.639	1.008	.523	.741
335.	160.0	1046.53	1.345	3.907	4.0293	11.345	19.381	3.676	1.008	.515	.741
340.	160.0	1065.98	1.347	3.897	4.0603	11.399	19.533	3.713	1.008	.508	.741
345.	160.0	1085.43	1.348	3.887	4.0913	11.454	19.684	3.750	1.008	.500	.740
350.	160.0	1104.88	1.349	3.876	4.1224	11.509	19.836	3.787	1.008	.493	.740
355.	160.0	1124.33	1.350	3.866	4.1534	11.564	19.987	3.824	1.008	.486	.739
360.	160.0	1143.78	1.352	3.855	4.1845	11.619	20.139	3.861	1.008	.479	.739
365.	160.0	1163.23	1.353	3.845	4.2155	11.674	20.290	3.898	1.008	.473	.739
370.	160.0	1182.68	1.354	3.834	4.2466	11.729	20.442	3.935	1.008	.466	.738
375.	160.0	1202.13	1.356	3.824	4.2776	11.784	20.593	3.971	1.008	.460	.737
380.	160.0	1221.58	1.357	3.813	4.3087	11.839	20.744	4.008	1.008	.454	.737
385.	160.0	1241.03	1.358	3.803	4.3397	11.894	20.896	4.045	1.008	.448	.736
390.	160.0	1260.48	1.359	3.793	4.3707	11.949	21.047	4.082	1.008	.442	.736
395.	160.0	1279.93	1.361	3.782	4.4018	12.003	21.199	4.119	1.008	.437	.735
400.	160.0	1301.44	1.364	3.749	4.4465	12.074	21.572	4.165	1.008	.431	.724
420.	160.0	1373.09	1.367	3.727	4.5489	12.220	22.162	4.286	1.008	.411	.720
440.	160.0	1444.75	1.370	3.705	4.6513	12.365	22.792	4.410	1.008	.392	.717
460.	160.0	1516.40	1.372	3.684	4.7537	12.511	23.402	4.533	1.007	.375	.713

480.	160.0	1588.06	1.375	3.662	4.8561	12.657	24.013	4.656	1.007	.360	.710
500.	160.0	1659.71	1.378	3.640	4.9585	12.803	24.623	4.778	1.007	.345	.706
520.	160.0	1731.37	1.380	3.618	5.0609	12.949	25.233	4.901	1.007	.332	.703
540.	160.0	1803.02	1.383	3.596	5.1633	13.095	25.843	5.024	1.007	.320	.699
560.	160.0	1874.68	1.385	3.574	5.2657	13.241	26.453	5.146	1.007	.309	.695
580.	160.0	1946.33	1.388	3.552	5.3681	13.386	27.064	5.269	1.006	.298	.691
600.	160.0	2017.98	1.391	3.530	5.4704	13.532	27.674	5.391	1.006	.288	.688
620.	160.0	2089.64	1.393	3.508	5.5728	13.678	28.284	5.514	1.006	.279	.684
640.	160.0	2161.29	1.396	3.486	5.6752	13.824	28.894	5.637	1.006	.270	.680
660.	160.0	2231.75	1.397	3.475	5.7651	13.961	29.516	5.752	1.006	.262	.677
680.	160.0	2301.02	1.397	3.475	5.8454	14.030	30.149	5.861	1.006	.254	.676
700.	160.0	2370.29	1.397	3.475	5.9247	14.119	30.781	5.970	1.005	.247	.674
720.	160.0	2439.56	1.397	3.475	6.0040	14.208	31.414	6.078	1.005	.240	.672
740.	160.0	2508.82	1.397	3.475	6.0833	14.296	32.047	6.187	1.005	.234	.671
760.	160.0	2578.09	1.397	3.475	6.1626	14.385	32.680	6.296	1.005	.228	.670
780.	160.0	2647.36	1.397	3.475	6.2419	14.474	33.313	6.404	1.005	.222	.668
800.	160.0	2716.62	1.397	3.476	6.3212	14.563	33.945	6.513	1.005	.216	.667
820.	160.0	2785.89	1.397	3.476	6.4005	14.652	34.578	6.622	1.005	.211	.666
840.	160.0	2855.16	1.397	3.476	6.4798	14.743	35.211	6.730	1.005	.206	.664
860.	160.0	2924.43	1.397	3.476	6.5591	14.829	35.844	6.839	1.005	.201	.663
880.	160.0	2993.69	1.397	3.476	6.6384	14.918	36.477	6.948	1.004	.197	.662
900.	160.0	3062.96	1.396	3.476	6.7177	15.007	37.109	7.056	1.004	.192	.661
920.	160.0	3132.49	1.396	3.476	6.7870	15.074	37.804	7.160	1.004	.188	.658
940.	160.0	3202.03	1.396	3.476	6.8563	15.142	38.499	7.264	1.004	.184	.656
960.	160.0	3271.56	1.396	3.476	6.9255	15.210	39.194	7.368	1.004	.180	.653
980.	160.0	3341.10	1.396	3.476	6.9948	15.277	39.888	7.473	1.004	.177	.651
1000.	160.0	3410.63	1.396	3.476	7.0640	15.345	40.583	7.577	1.004	.173	.649
1050.	160.0	3584.47	1.396	3.475	7.2372	15.514	42.320	7.837	1.004	.165	.644
1100.	160.0	3758.30	1.396	3.475	7.4103	15.683	44.057	8.097	1.004	.158	.639
1150.	160.0	3932.14	1.396	3.475	7.5835	15.852	45.794	8.357	1.003	.151	.634
1200.	160.0	4106.60	1.395	3.481	7.7535	15.989	46.810	8.636	1.003	.144	.642
1250.	160.0	4281.07	1.394	3.488	7.8866	16.125	47.826	8.914	1.003	.139	.650
1300.	160.0	4455.53	1.393	3.495	8.0381	16.262	48.842	9.192	1.003	.133	.658
1350.	160.0	4630.00	1.392	3.502	8.1897	16.398	49.858	9.470	1.003	.128	.665
1400.	160.0	4802.26	1.391	3.504	8.3520	16.546	50.313	9.779	1.003	.124	.681
1450.	160.0	4979.99	1.390	3.515	8.4819	16.652	51.738	10.018	1.003	.120	.681
1500.	160.0	5157.72	1.388	3.525	8.6118	16.759	53.163	10.257	1.003	.116	.680
1550.	160.0	5335.45	1.387	3.535	8.7417	16.865	54.589	10.496	1.003	.112	.680
1600.	160.0	5513.18	1.385	3.546	8.8716	16.971	56.014	10.735	1.002	.108	.679
1650.	160.0	5690.91	1.383	3.556	9.0014	17.077	57.439	10.973	1.002	.105	.679
1700.	160.0	5868.64	1.382	3.566	9.1313	17.183	58.864	11.212	1.002	.102	.679
1750.	160.0	6046.37	1.380	3.576	9.2612	17.290	60.289	11.451	1.002	.099	.679
1800.	160.0	6224.10	1.379	3.587	9.3911	17.396	61.714	11.690	1.002	.096	.679
1850.	160.0	6401.83	1.377	3.597	9.5210	17.502	63.140	11.929	1.002	.094	.680
1900.	160.0	6579.56	1.376	3.607	9.6509	17.608	64.565	12.167	1.002	.091	.680
1950.	160.0	6757.29	1.374	3.618	9.7807	17.714	65.990	12.406	1.002	.089	.680
2000.	160.0	6935.02	1.373	3.628	9.9105	17.821	67.415	12.645	1.002	.087	.680
2050.	160.0	7120.59	1.371	3.642	10.0172	17.901	68.933	12.867	1.002	.085	.680
2100.	160.0	7306.17	1.369	3.657	10.1237	17.981	70.451	13.089	1.002	.083	.679
2150.	160.0	7491.74	1.367	3.672	10.2303	18.061	71.969	13.311	1.002	.081	.679
2200.	160.0	7677.31	1.365	3.686	10.3369	18.141	73.487	13.533	1.002	.079	.679
2250.	160.0	7862.89	1.363	3.701	10.4434	18.221	75.005	13.755	1.002	.077	.679
2300.	160.0	8048.46	1.361	3.715	10.5500	18.301	76.523	13.977	1.002	.075	.679
2350.	160.0	8234.03	1.359	3.730	10.6566	18.382	78.041	14.200	1.002	.074	.679
2400.	160.0	8419.61	1.357	3.744	10.7631	18.462	79.559	14.422	1.002	.072	.679
2450.	160.0	8605.18	1.355	3.759	10.8697	18.542	81.077	14.644	1.001	.071	.679
2500.	160.0	8790.75	1.353	3.773	10.9763	18.622	82.595	14.866	1.001	.069	.679
2550.	160.0	8976.33	1.352	3.788	11.0828	18.702	84.113	15.088	1.001	.068	.679
2600.	160.0	9161.90	1.350	3.802	11.1894	18.782	85.631	15.310	1.001	.067	.680
2650.	160.0	9356.09	1.348	3.817	11.2830	18.849	87.210	15.522	1.001	.066	.679
2700.	160.0	9550.28	1.346	3.832	11.3765	18.916	88.789	15.734	1.001	.064	.679
2750.	160.0	9744.47	1.345	3.846	11.4702	18.983	90.368	15.946	1.001	.063	.679

2300.	150.0	9938.67	1.343	3.861	11.5638	19.050	91.947	16.158	1.001	.062	.679
2350.	150.0	10132.86	1.341	3.876	11.6574	19.117	93.526	16.370	1.001	.061	.678
2400.	150.0	10327.05	1.339	3.890	11.7510	19.184	95.105	16.581	1.001	.060	.678
2450.	150.0	10521.24	1.338	3.905	11.8446	19.251	96.684	16.793	1.001	.059	.678
2500.	150.0	10715.43	1.336	3.920	11.9382	19.318	98.262	17.005	1.001	.058	.678
2550.	150.0	10909.62	1.334	3.934	12.0318	19.385	99.841	17.217	1.001	.057	.678
3100.	150.0	11103.82	1.333	3.949	12.1254	19.453	101.420	17.429	1.001	.056	.679
3150.	150.0	11298.01	1.331	3.964	12.2190	19.520	102.999	17.641	1.001	.055	.679
3200.	150.0	11492.20	1.329	3.978	12.3126	19.587	104.578	17.853	1.001	.054	.679
3250.	150.0	11698.25	1.327	4.003	12.3935	19.645	106.731	18.057	1.001	.053	.677
3300.	160.0	11904.30	1.325	4.028	12.4745	19.704	108.883	18.261	1.001	.053	.676
3350.	150.0	12110.35	1.323	4.054	12.5555	19.762	111.036	18.465	1.001	.052	.674
3400.	150.0	12316.40	1.321	4.079	12.6367	19.821	113.189	18.669	1.001	.051	.673
3450.	150.0	12522.45	1.319	4.104	12.7177	19.879	115.341	18.873	1.001	.050	.671
3500.	150.0	12728.50	1.317	4.129	12.7987	19.938	117.494	19.077	1.001	.050	.670
3550.	160.0	12934.55	1.315	4.154	12.8797	19.997	119.647	19.281	1.001	.049	.669
3600.	160.0	13140.60	1.313	4.179	12.9607	20.055	121.799	19.485	1.001	.048	.669
3650.	160.0	13346.65	1.310	4.204	13.0417	20.114	123.952	19.689	1.001	.048	.668
3700.	160.0	13552.70	1.308	4.229	13.1228	20.172	126.105	19.893	1.001	.047	.667
3750.	150.0	13758.75	1.306	4.254	13.2038	20.231	128.257	20.097	1.001	.046	.667
3800.	160.0	13963.80	1.305	4.271	13.2842	20.217	130.016	20.300	1.001	.046	.667
3850.	150.0	14185.30	1.302	4.318	13.3549	20.272	133.430	20.500	1.001	.045	.663
3900.	160.0	14406.80	1.299	4.365	13.4255	20.328	135.845	20.699	1.002	.045	.660
3950.	150.0	14628.30	1.296	4.413	13.4964	20.384	140.259	20.899	1.002	.044	.657
4000.	160.0	14849.80	1.294	4.460	13.5671	20.439	143.674	21.098	1.002	.043	.655
4050.	160.0	15071.30	1.291	4.507	13.6378	20.495	147.088	21.298	1.002	.043	.653
4100.	160.0	15292.80	1.288	4.554	13.7085	20.551	150.503	21.498	1.002	.042	.651
4150.	150.0	15514.30	1.285	4.602	13.7793	20.606	153.917	21.697	1.002	.042	.649
4200.	160.0	15735.80	1.282	4.649	13.8500	20.662	157.332	21.897	1.002	.041	.647
4250.	160.0	15983.47	1.279	4.736	13.9123	20.718	163.154	22.094	1.003	.041	.641
4300.	150.0	16231.15	1.276	4.823	13.9747	20.775	168.977	22.291	1.003	.040	.636
4350.	150.0	16478.82	1.272	4.910	14.0370	20.831	174.799	22.488	1.003	.040	.632
4400.	150.0	16726.50	1.269	4.997	14.0994	20.887	180.622	22.685	1.004	.039	.628
4450.	160.0	16974.17	1.265	5.084	14.1617	20.944	186.444	22.882	1.004	.039	.624
4500.	150.0	17221.85	1.262	5.171	14.2241	21.000	192.267	23.079	1.005	.038	.621
4550.	150.0	17469.52	1.259	5.258	14.2864	21.057	198.089	23.276	1.005	.038	.618
4600.	150.0	17717.20	1.255	5.345	14.3488	21.113	203.912	23.473	1.005	.038	.615
4650.	150.0	18014.42	1.252	5.496	14.4083	21.175	213.990	23.669	1.006	.037	.608
4700.	150.0	18311.65	1.249	5.647	14.4688	21.236	224.067	23.865	1.007	.037	.601
4750.	150.0	18608.87	1.246	5.798	14.5283	21.298	234.145	24.061	1.008	.036	.596
4800.	150.0	18906.10	1.242	5.949	14.5889	21.360	244.223	24.257	1.009	.036	.591
4850.	150.0	19203.32	1.239	6.100	14.6488	21.422	254.301	24.453	1.009	.036	.587
4900.	150.0	19500.55	1.236	6.250	14.7089	21.483	264.378	24.649	1.010	.035	.583
4950.	150.0	19797.77	1.233	6.401	14.7690	21.545	274.456	24.845	1.011	.035	.579
5000.	150.0	20095.00	1.230	6.552	14.8290	21.607	284.534	25.041	1.012	.034	.577

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP.	DENSITY	PRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT RATIO CP/CV	CAPACITY (BTU/ LB-DEG.R)	OF SOUND *(10)**4 (IN/SEC)	(BTU/ LB-DEG.R)	* (10)**7 (BTU/ IN-SEC-DEG.R)	* (10)**7 (LB/IN-SEC)	FACTOR * (10)**4 PV/RT (LB/CU.IN)	(10)**4	NUMBER
										R=9200	
36.	180.0	-106.56	1.598	2.168	4.5735	1.819	15.637	8.277	.207	26.229	1.147
38.	180.0	-101.96	1.669	2.314	4.4632	1.940	15.477	7.625	.200	25.740	1.140
40.	180.0	-97.36	1.740	2.461	4.3528	2.062	15.316	6.973	.193	25.362	1.120
42.	180.0	-92.10	1.839	2.641	4.2221	2.187	15.165	6.467	.188	24.805	1.126
44.	180.0	-86.83	1.939	2.822	4.0915	2.313	15.013	5.961	.183	24.332	1.120
46.	180.0	-80.71	2.087	3.070	3.9288	2.446	14.836	5.533	.180	23.682	1.145
48.	180.0	-74.60	2.235	3.319	3.7661	2.579	14.658	5.105	.176	23.100	1.156
50.	180.0	-67.34	2.453	3.675	3.5530	2.724	14.424	4.719	.175	22.311	1.202
52.	180.0	-60.08	2.672	4.032	3.3518	2.870	14.190	4.333	.174	21.584	1.231
54.	180.0	-49.98	3.352	5.150	3.0508	3.056	13.773	3.928	.178	20.344	1.469
56.	180.0	-39.62	4.100	6.380	2.7403	3.247	13.339	3.519	.182	19.160	1.683
58.	180.0	-23.08	7.539	12.206	2.2483	3.537	12.465	2.973	.199	16.991	2.911
60.	180.0	67.92	7.542	14.889	1.5411	5.083	8.143	1.362	.528	6.171	2.490
62.	180.0	86.30	4.090	7.176	1.6445	5.385	7.685	1.289	.616	5.127	1.203
64.	180.0	98.68	3.371	5.652	1.7271	5.591	7.380	1.280	.671	4.554	.980
66.	180.0	107.41	3.148	5.218	1.7784	5.719	7.266	1.290	.700	4.237	.926
68.	180.0	116.14	2.924	4.784	1.8296	5.847	7.153	1.300	.728	3.952	.870
70.	180.0	124.87	2.701	4.351	1.8809	5.974	7.039	1.310	.757	3.694	.810
72.	180.0	133.60	2.477	3.917	1.9322	6.102	6.925	1.320	.785	3.462	.747
74.	180.0	142.33	2.254	3.483	1.9835	6.230	6.811	1.330	.813	3.250	.680
76.	180.0	148.94	2.216	3.424	2.0200	6.313	6.801	1.351	.826	3.117	.680
78.	180.0	155.55	2.178	3.364	2.0564	6.396	6.792	1.372	.838	2.993	.680
80.	180.0	162.17	2.139	3.305	2.0929	6.480	6.783	1.394	.851	2.876	.679
82.	180.0	168.78	2.101	3.246	2.1294	6.563	6.773	1.415	.863	2.765	.678
84.	180.0	175.39	2.063	3.186	2.1659	6.646	6.764	1.436	.875	2.661	.677
86.	180.0	181.52	2.035	3.143	2.1967	6.715	6.791	1.458	.883	2.577	.675
88.	180.0	187.65	2.007	3.100	2.2275	6.784	6.819	1.479	.891	2.496	.673
90.	180.0	193.77	1.978	3.057	2.2583	6.853	6.846	1.501	.899	2.419	.670
92.	180.0	199.90	1.950	3.014	2.2890	6.922	6.873	1.523	.906	2.346	.668
94.	180.0	206.03	1.922	2.970	2.3198	6.991	6.901	1.544	.914	2.277	.665
96.	180.0	211.86	1.905	2.933	2.3457	7.050	6.953	1.566	.919	2.217	.665
98.	180.0	217.70	1.889	2.935	2.3717	7.108	7.006	1.588	.924	2.161	.665
100.	180.0	223.53	1.872	2.917	2.3976	7.167	7.059	1.610	.929	2.106	.665
102.	180.0	229.37	1.855	2.899	2.4235	7.226	7.111	1.631	.934	2.054	.665
104.	180.0	235.19	1.837	2.868	2.4547	7.298	7.148	1.654	.940	2.001	.664
106.	180.0	240.89	1.825	2.869	2.4749	7.346	7.230	1.675	.943	1.958	.665
108.	180.0	246.59	1.813	2.870	2.4949	7.394	7.311	1.696	.945	1.916	.666
110.	180.0	252.29	1.802	2.871	2.5150	7.443	7.393	1.717	.948	1.876	.667
112.	180.0	257.99	1.790	2.872	2.5351	7.491	7.475	1.738	.950	1.838	.668
114.	180.0	263.69	1.779	2.873	2.5552	7.539	7.557	1.759	.953	1.801	.669
116.	180.0	269.39	1.767	2.874	2.5753	7.587	7.638	1.780	.955	1.765	.670
118.	180.0	275.09	1.755	2.875	2.5954	7.635	7.720	1.801	.958	1.731	.671
120.	180.0	280.79	1.744	2.876	2.6155	7.683	7.802	1.822	.960	1.698	.672
122.	180.0	286.49	1.732	2.877	2.6356	7.732	7.883	1.843	.963	1.665	.672
124.	180.0	292.19	1.720	2.878	2.6557	7.780	7.965	1.864	.965	1.634	.673
126.	180.0	297.89	1.709	2.879	2.6758	7.828	8.047	1.884	.968	1.604	.674
128.	180.0	303.59	1.697	2.880	2.6959	7.876	8.129	1.905	.970	1.575	.675
130.	180.0	309.29	1.686	2.881	2.7160	7.924	8.210	1.926	.973	1.547	.676
132.	180.0	314.99	1.674	2.882	2.7361	7.972	8.292	1.947	.975	1.520	.677
134.	180.0	320.69	1.662	2.883	2.7562	8.021	8.374	1.968	.978	1.493	.678
136.	180.0	326.39	1.651	2.884	2.7763	8.069	8.456	1.989	.980	1.467	.678
138.	180.0	332.42	1.642	2.902	2.7901	8.108	8.570	2.008	.981	1.445	.680
140.	180.0	338.44	1.634	2.920	2.8039	8.148	8.684	2.028	.982	1.423	.682
142.	180.0	344.47	1.625	2.938	2.8178	8.188	8.798	2.047	.983	1.401	.684
144.	180.0	350.50	1.617	2.955	2.8316	8.227	8.913	2.067	.984	1.381	.685
146.	180.0	356.52	1.608	2.973	2.8454	8.267	9.027	2.086	.985	1.361	.687
148.	180.0	362.55	1.600	2.991	2.8592	8.306	9.141	2.105	.986	1.341	.689
150.	180.0	368.58	1.592	3.009	2.8730	8.346	9.255	2.125	.987	1.322	.691

152.	180.0	374.60	1.583	3.027	2.8854	8.385	9.370	2.144	.988	1.303	.693
154.	180.0	380.53	1.575	3.045	2.9005	8.425	9.484	2.164	.989	1.285	.695
156.	180.0	386.66	1.566	3.062	2.9144	8.464	9.598	2.183	.985	1.268	.597
158.	180.0	392.68	1.558	3.080	2.9282	8.504	9.712	2.202	.990	1.250	.698
160.	180.0	398.71	1.549	3.098	2.9421	8.544	9.827	2.222	.991	1.234	.700
162.	180.0	404.74	1.541	3.116	2.9559	8.583	9.941	2.241	.992	1.217	.702
164.	180.0	410.76	1.533	3.134	2.9697	8.623	10.055	2.261	.993	1.201	.704
166.	180.0	416.79	1.524	3.151	2.9835	8.662	10.169	2.280	.994	1.186	.707
168.	180.0	422.82	1.516	3.169	2.9973	8.702	10.284	2.299	.995	1.171	.709
170.	180.0	429.55	1.510	3.190	3.0091	8.739	10.417	2.317	.995	1.156	.710
172.	180.0	436.28	1.504	3.211	3.0209	8.775	10.550	2.335	.996	1.142	.711
174.	180.0	443.01	1.498	3.232	3.0327	8.812	10.683	2.354	.996	1.129	.712
176.	180.0	449.74	1.492	3.252	3.0445	8.849	10.817	2.372	.997	1.115	.713
178.	180.0	456.48	1.486	3.273	3.0562	8.886	10.950	2.390	.997	1.102	.714
180.	180.0	463.21	1.480	3.294	3.0680	8.923	11.083	2.408	.998	1.090	.716
185.	180.0	480.04	1.465	3.346	3.0975	9.015	11.416	2.453	.999	1.059	.719
190.	180.0	496.87	1.451	3.397	3.1270	9.107	11.749	2.498	1.000	1.030	.722
195.	180.0	513.70	1.436	3.449	3.1565	9.199	12.082	2.544	1.001	1.002	.726
200.	180.0	528.83	1.416	3.540	3.1857	9.304	12.553	2.591	1.003	.976	.730
205.	180.0	547.90	1.412	3.562	3.2173	9.381	12.854	2.632	1.003	.952	.729
210.	180.0	566.97	1.408	3.584	3.2488	9.459	13.144	2.673	1.003	.929	.729
215.	180.0	586.04	1.404	3.607	3.2804	9.536	13.435	2.715	1.004	.907	.729
220.	180.0	605.11	1.400	3.629	3.3119	9.614	13.725	2.756	1.004	.886	.729
225.	180.0	624.18	1.396	3.651	3.3435	9.691	14.016	2.798	1.004	.866	.729
230.	180.0	643.25	1.392	3.673	3.3750	9.768	14.306	2.839	1.004	.847	.729
235.	180.0	662.32	1.388	3.695	3.4065	9.846	14.597	2.880	1.005	.829	.729
240.	180.0	681.39	1.384	3.717	3.4381	9.923	14.888	2.922	1.005	.811	.730
245.	180.0	700.45	1.380	3.740	3.4697	10.001	15.178	2.963	1.005	.794	.730
250.	180.0	719.53	1.377	3.762	3.5012	10.078	15.469	3.004	1.006	.778	.731
255.	180.0	738.60	1.373	3.784	3.5328	10.156	15.759	3.046	1.006	.763	.731
260.	180.0	757.68	1.369	3.806	3.5643	10.233	16.050	3.087	1.006	.748	.732
265.	180.0	776.75	1.365	3.828	3.5959	10.311	16.340	3.129	1.007	.733	.733
270.	180.0	795.82	1.361	3.850	3.6274	10.388	16.631	3.170	1.007	.720	.734
275.	180.0	814.89	1.357	3.873	3.6590	10.465	16.921	3.211	1.007	.706	.735
280.	180.0	833.96	1.353	3.895	3.6905	10.543	17.212	3.253	1.008	.693	.736
285.	180.0	853.03	1.349	3.917	3.7221	10.620	17.503	3.294	1.008	.681	.737
290.	180.0	872.10	1.345	3.939	3.7535	10.698	17.793	3.336	1.008	.669	.738
295.	180.0	891.17	1.341	3.961	3.7852	10.775	18.084	3.377	1.009	.658	.740
300.	180.0	910.24	1.337	3.983	3.8167	10.853	18.374	3.418	1.009	.646	.741
305.	180.0	929.70	1.338	3.973	3.8478	10.908	18.525	3.455	1.009	.636	.741
310.	180.0	949.16	1.340	3.962	3.8788	10.962	18.675	3.492	1.009	.626	.741
315.	180.0	968.62	1.341	3.952	3.9099	11.017	18.825	3.529	1.009	.616	.741
320.	180.0	988.08	1.342	3.941	3.9409	11.072	18.976	3.566	1.009	.606	.741
325.	180.0	1007.54	1.343	3.931	3.9720	11.127	19.126	3.603	1.009	.597	.740
330.	180.0	1027.00	1.345	3.920	4.0030	11.182	19.276	3.640	1.009	.588	.740
335.	180.0	1046.46	1.346	3.910	4.0341	11.237	19.427	3.677	1.009	.579	.740
340.	180.0	1065.92	1.347	3.899	4.0651	11.292	19.577	3.714	1.009	.570	.740
345.	180.0	1085.38	1.349	3.889	4.0962	11.347	19.728	3.751	1.009	.562	.739
350.	180.0	1104.84	1.350	3.878	4.1272	11.402	19.878	3.788	1.009	.554	.739
355.	180.0	1124.30	1.351	3.868	4.1583	11.457	20.028	3.825	1.009	.546	.739
360.	180.0	1143.76	1.352	3.857	4.1893	11.512	20.179	3.861	1.009	.539	.738
365.	180.0	1163.22	1.354	3.847	4.2204	11.567	20.329	3.898	1.009	.531	.738
370.	180.0	1182.68	1.355	3.836	4.2514	11.622	20.479	3.935	1.009	.524	.737
375.	180.0	1202.14	1.356	3.826	4.2825	11.677	20.630	3.972	1.009	.517	.737
380.	180.0	1221.50	1.357	3.815	4.3135	11.731	20.780	4.009	1.009	.510	.736
385.	180.0	1241.05	1.359	3.805	4.3445	11.786	20.930	4.046	1.009	.504	.736
390.	180.0	1260.52	1.360	3.794	4.3755	11.841	21.081	4.083	1.009	.497	.735
395.	180.0	1279.98	1.361	3.784	4.4067	11.896	21.231	4.120	1.009	.491	.734
400.	180.0	1301.52	1.365	3.751	4.4515	11.978	21.603	4.166	1.009	.485	.723
420.	180.0	1373.20	1.368	3.729	4.5538	12.119	22.212	4.288	1.009	.462	.720
440.	180.0	1444.87	1.370	3.707	4.5562	12.259	22.820	4.411	1.008	.441	.716
460.	180.0	1516.55	1.373	3.685	4.7585	12.399	23.429	4.533	1.008	.422	.713

480.	180.0	1568.22	1.375	3.663	4.3609	12.540	24.037	4.656	1.008	.404	.709
500.	180.0	1659.90	1.378	3.641	4.3632	12.680	24.646	4.779	1.008	.388	.706
520.	180.0	1731.57	1.380	3.619	5.0655	12.820	25.254	4.901	1.008	.373	.702
540.	180.0	1803.25	1.383	3.597	5.1578	12.961	25.363	5.024	1.007	.360	.699
560.	180.0	1874.92	1.386	3.574	5.2702	13.101	26.471	5.146	1.007	.347	.695
580.	180.0	1946.60	1.388	3.552	5.3725	13.241	27.080	5.269	1.007	.335	.691
600.	180.0	2018.27	1.391	3.530	5.4749	13.382	27.688	5.391	1.007	.324	.687
620.	180.0	2089.95	1.393	3.508	5.5772	13.522	28.297	5.514	1.007	.313	.684
640.	180.0	2161.62	1.396	3.486	5.6795	13.662	28.905	5.637	1.007	.304	.680
660.	180.0	2232.10	1.397	3.475	5.7733	13.776	29.525	5.752	1.006	.295	.677
680.	180.0	2301.37	1.397	3.475	5.8495	13.864	30.158	5.861	1.006	.286	.675
700.	180.0	2370.64	1.397	3.475	5.9288	13.952	30.790	5.970	1.006	.278	.674
720.	180.0	2439.92	1.397	3.476	6.0081	14.040	31.423	6.078	1.006	.270	.672
740.	180.0	2509.19	1.397	3.476	6.0874	14.128	32.055	6.187	1.006	.263	.671
760.	180.0	2578.46	1.397	3.476	6.1666	14.216	32.687	6.295	1.006	.256	.659
780.	180.0	2647.74	1.397	3.476	6.2459	14.304	33.320	6.404	1.006	.249	.668
800.	180.0	2717.01	1.397	3.476	6.3251	14.392	33.952	6.513	1.006	.243	.667
820.	180.0	2786.29	1.397	3.476	6.4044	14.480	34.585	6.621	1.005	.237	.666
840.	180.0	2855.56	1.397	3.476	6.4836	14.568	35.217	6.730	1.005	.232	.664
860.	180.0	2924.83	1.397	3.475	6.5629	14.656	35.849	6.839	1.005	.226	.663
880.	180.0	2994.11	1.397	3.476	6.6422	14.743	36.482	6.947	1.005	.221	.662
900.	180.0	3063.38	1.396	3.477	6.7214	14.831	37.114	7.056	1.005	.216	.661
920.	180.0	3132.92	1.396	3.476	6.7906	14.899	37.809	7.160	1.005	.212	.658
940.	180.0	3202.46	1.396	3.476	6.8599	14.967	38.503	7.264	1.005	.207	.656
960.	180.0	3272.00	1.396	3.476	6.9291	15.035	39.198	7.368	1.005	.203	.653
980.	180.0	3341.54	1.396	3.476	6.9983	15.103	39.893	7.472	1.005	.199	.651
1000.	180.0	3411.08	1.396	3.476	7.0675	15.170	40.587	7.576	1.004	.195	.649
1050.	180.0	3584.92	1.396	3.475	7.2405	15.340	42.324	7.837	1.004	.186	.644
1100.	180.0	3758.77	1.396	3.475	7.4136	15.509	44.060	8.097	1.004	.177	.639
1150.	180.0	3932.62	1.396	3.475	7.5867	15.679	45.796	8.357	1.004	.169	.634
1200.	180.0	4107.09	1.395	3.481	7.7381	15.815	46.812	8.635	1.004	.162	.642
1250.	180.0	4281.56	1.394	3.488	7.8896	15.951	47.827	8.914	1.004	.156	.650
1300.	180.0	4456.04	1.393	3.495	8.0411	16.088	48.843	9.192	1.003	.150	.658
1350.	180.0	4630.51	1.392	3.502	8.1926	16.224	49.858	9.470	1.003	.144	.665
1400.	180.0	4802.78	1.391	3.504	8.3548	16.373	50.313	9.779	1.003	.139	.681
1450.	180.0	4980.51	1.390	3.515	8.4847	16.479	51.738	10.018	1.003	.135	.681
1500.	180.0	5158.24	1.388	3.525	8.6145	16.585	53.163	10.257	1.003	.130	.680
1550.	180.0	5335.97	1.387	3.535	8.7443	16.691	54.589	10.496	1.003	.126	.680
1600.	180.0	5513.71	1.385	3.546	8.8741	16.797	56.014	10.735	1.003	.122	.679
1650.	180.0	5691.44	1.383	3.556	9.0040	16.904	57.439	10.973	1.003	.118	.679
1700.	180.0	5869.17	1.382	3.566	9.1338	17.010	58.864	11.212	1.003	.115	.679
1750.	180.0	6046.90	1.380	3.576	9.2536	17.116	60.290	11.451	1.003	.112	.679
1800.	180.0	6224.63	1.379	3.587	9.3935	17.222	61.715	11.690	1.002	.108	.679
1850.	180.0	6402.36	1.377	3.597	9.5233	17.328	63.140	11.929	1.002	.106	.680
1900.	180.0	6580.10	1.376	3.607	9.6531	17.434	64.565	12.167	1.002	.103	.680
1950.	180.0	6757.83	1.374	3.618	9.7830	17.541	65.990	12.406	1.002	.100	.680
2000.	180.0	6935.56	1.373	3.626	9.9128	17.647	67.416	12.645	1.002	.098	.680
2050.	180.0	7121.13	1.371	3.642	10.0193	17.727	68.933	12.867	1.002	.095	.680
2100.	180.0	7306.70	1.369	3.657	10.1259	17.807	70.451	13.089	1.002	.093	.679
2150.	180.0	7492.27	1.367	3.672	10.2324	17.887	71.969	13.311	1.002	.091	.679
2200.	180.0	7677.84	1.365	3.686	10.3389	17.967	73.486	13.533	1.002	.089	.679
2250.	180.0	7863.41	1.363	3.701	10.4455	18.048	75.004	13.755	1.002	.087	.679
2300.	180.0	8048.98	1.361	3.715	10.5520	18.128	76.522	13.977	1.002	.085	.679
2350.	180.0	8234.55	1.359	3.730	10.6585	18.208	78.040	14.200	1.002	.083	.679
2400.	180.0	8420.12	1.357	3.744	10.7651	18.288	79.557	14.422	1.002	.081	.679
2450.	180.0	8605.69	1.355	3.759	10.8716	18.368	81.075	14.644	1.002	.080	.679
2500.	180.0	8791.26	1.353	3.773	10.9781	18.448	82.593	14.866	1.002	.078	.679
2550.	180.0	8976.83	1.352	3.788	11.0847	18.528	84.110	15.088	1.002	.077	.679
2600.	180.0	9162.40	1.350	3.802	11.1912	18.609	85.628	15.310	1.002	.075	.680
2650.	180.0	9356.58	1.348	3.817	11.2848	18.676	87.205	15.522	1.002	.074	.679
2700.	180.0	9550.77	1.346	3.832	11.3785	18.743	88.781	15.734	1.001	.072	.679
2750.	180.0	9744.95	1.345	3.846	11.4721	18.810	90.357	15.946	1.001	.071	.679

2800.	180.0	9939.13	1.343	3.861	11.5657	18.877	71.933	16.158	1.001	.070	.679
2850.	180.0	10133.32	1.341	3.875	11.6594	18.944	73.510	16.370	1.001	.069	.678
2900.	180.0	10327.50	1.339	3.890	11.7533	19.011	75.086	16.581	1.001	.067	.678
2950.	180.0	10521.68	1.338	3.904	11.8465	19.078	76.662	16.793	1.001	.066	.678
3000.	180.0	10715.87	1.336	3.919	11.9403	19.145	78.239	17.005	1.001	.065	.678
3050.	180.0	10910.05	1.334	3.933	12.0339	19.212	79.815	17.217	1.001	.064	.678
3100.	180.0	11104.23	1.333	3.948	12.1275	19.279	81.391	17.429	1.001	.063	.679
3150.	180.0	11298.42	1.331	3.963	12.2212	19.346	82.968	17.641	1.001	.062	.679
3200.	180.0	11492.60	1.329	3.977	12.3148	19.413	84.544	17.853	1.001	.061	.679
3250.	180.0	11698.25	1.327	4.001	12.3952	19.471	86.637	18.057	1.001	.060	.677
3300.	180.0	11903.90	1.325	4.025	12.4775	19.530	88.730	18.261	1.001	.059	.676
3350.	180.0	12109.55	1.323	4.048	12.5589	19.588	90.823	18.465	1.001	.058	.675
3400.	180.0	12315.20	1.321	4.072	12.6403	19.647	92.916	18.669	1.001	.057	.673
3450.	180.0	12520.85	1.319	4.096	12.7217	19.705	95.009	18.873	1.001	.057	.672
3500.	180.0	12726.50	1.317	4.120	12.8031	19.763	97.102	19.077	1.001	.056	.671
3550.	180.0	12932.15	1.315	4.143	12.8845	19.822	99.195	19.281	1.001	.055	.670
3600.	180.0	13137.80	1.313	4.167	12.9659	19.880	101.288	19.485	1.001	.054	.669
3650.	180.0	13343.45	1.311	4.191	13.0472	19.939	103.381	19.689	1.001	.054	.669
3700.	180.0	13549.10	1.309	4.215	13.1286	19.997	105.474	19.893	1.001	.053	.668
3750.	180.0	13754.75	1.307	4.238	13.2100	20.056	107.567	20.097	1.001	.052	.668
3800.	180.0	13961.40	1.305	4.261	13.2886	20.100	109.608	20.300	1.001	.051	.667
3850.	180.0	14182.15	1.303	4.306	13.3598	20.155	112.914	20.500	1.002	.051	.664
3900.	180.0	14402.90	1.300	4.352	13.4309	20.211	116.220	20.699	1.002	.050	.661
3950.	180.0	14623.65	1.297	4.397	13.5021	20.267	119.526	20.899	1.002	.049	.659
4000.	180.0	14844.40	1.295	4.442	13.5733	20.322	122.832	21.098	1.002	.049	.656
4050.	180.0	15065.15	1.292	4.487	13.6445	20.378	126.138	21.298	1.002	.048	.654
4100.	180.0	15285.90	1.289	4.532	13.7155	20.433	129.444	21.497	1.002	.048	.652
4150.	180.0	15506.65	1.286	4.577	13.7868	20.489	132.750	21.697	1.002	.047	.650
4200.	180.0	15727.40	1.284	4.622	13.8580	20.544	136.056	21.896	1.002	.046	.649
4250.	180.0	15972.92	1.280	4.705	13.9208	20.600	139.361	22.093	1.003	.046	.643
4300.	180.0	16218.45	1.277	4.787	13.9836	20.656	142.667	22.290	1.003	.045	.638
4350.	180.0	16463.97	1.274	4.870	14.0464	20.712	145.971	22.487	1.003	.045	.634
4400.	180.0	16709.50	1.270	4.952	14.1092	20.767	149.276	22.684	1.004	.044	.630
4450.	180.0	16955.02	1.267	5.035	14.1720	20.823	152.581	22.881	1.004	.044	.626
4500.	180.0	17200.55	1.264	5.117	14.2348	20.879	155.886	23.078	1.004	.043	.623
4550.	180.0	17446.07	1.260	5.200	14.2976	20.935	159.191	23.275	1.005	.043	.620
4600.	180.0	17691.60	1.257	5.282	14.3604	20.991	162.496	23.472	1.005	.042	.618
4650.	180.0	17984.02	1.254	5.425	14.4205	21.052	165.801	23.668	1.006	.042	.611
4700.	180.0	18276.45	1.251	5.568	14.4805	21.112	169.106	23.864	1.007	.041	.604
4750.	180.0	18568.87	1.248	5.710	14.5406	21.173	172.411	24.059	1.007	.041	.599
4800.	180.0	18861.30	1.244	5.853	14.6007	21.234	175.716	24.255	1.008	.040	.594
4850.	180.0	19153.72	1.241	5.995	14.6608	21.295	179.021	24.451	1.009	.040	.590
4900.	180.0	19446.15	1.238	6.138	14.7208	21.355	182.326	24.647	1.010	.040	.586
4950.	180.0	19738.57	1.235	6.281	14.7809	21.416	185.631	24.843	1.011	.039	.583
5000.	180.0	20031.00	1.232	6.423	14.8410	21.477	188.936	25.039	1.011	.039	.580

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	200.0	-105.97	1.591	2.158	4.5990	1.812	15.676	8.353	.230	26.278	1.150
38.	200.0	-101.40	1.659	2.298	4.4917	1.933	15.515	7.697	.222	25.794	1.140
40.	200.0	-96.84	1.726	2.439	4.3844	2.054	15.355	7.042	.214	25.422	1.119
42.	200.0	-91.60	1.829	2.628	4.2558	2.178	15.204	6.534	.208	24.869	1.129
44.	200.0	-86.37	1.931	2.816	4.1272	2.303	15.054	6.027	.202	24.401	1.127
46.	200.0	-80.40	2.031	2.968	3.9735	2.433	14.887	5.601	.199	23.786	1.117
48.	200.0	-74.43	2.131	3.120	3.8201	2.563	14.720	5.175	.195	23.239	1.097
50.	200.0	-66.99	2.557	3.930	3.6143	2.711	14.475	4.787	.194	22.360	1.300
52.	200.0	-59.55	2.982	4.740	3.4085	2.859	14.231	4.399	.194	21.548	1.455
54.	200.0	-52.02	2.209	2.819	3.1782	3.002	13.988	4.056	.191	21.038	.817
56.	200.0	-40.53	4.040	6.535	2.8574	3.211	13.489	3.627	.200	19.423	1.757
58.	200.0	-30.23	3.161	3.615	2.5346	3.394	13.050	3.240	.201	18.657	.897
60.	200.0	8.45	22.164	43.878	1.6085	4.046	10.750	2.247	.285	12.729	9.170
62.	200.0	76.28	4.589	8.411	1.5852	5.166	8.134	1.319	.556	6.307	1.364
64.	200.0	86.99	4.244	7.280	1.7079	5.332	8.076	1.366	.611	5.556	1.232
66.	200.0	100.34	3.332	5.526	1.7592	5.538	7.778	1.327	.666	4.948	.943
68.	200.0	110.52	2.993	4.855	1.8218	5.690	7.608	1.328	.704	4.541	.848
70.	200.0	119.78	2.752	4.400	1.8751	5.825	7.470	1.334	.736	4.222	.786
72.	200.0	127.37	2.860	4.624	1.8813	5.908	7.451	1.316	.749	4.033	.817
74.	200.0	139.41	2.343	3.669	1.9376	6.085	7.237	1.290	.793	3.704	.654
76.	200.0	145.85	2.294	3.582	1.9825	6.166	7.233	1.321	.806	3.547	.654
78.	200.0	152.28	2.245	3.496	2.0273	6.246	7.229	1.352	.820	3.399	.654
80.	200.0	158.72	2.196	3.409	2.0722	6.326	7.225	1.383	.833	3.261	.652
82.	200.0	165.15	2.147	3.323	2.1170	6.406	7.221	1.414	.847	3.131	.651
84.	200.0	171.59	2.098	3.236	2.1619	6.486	7.216	1.445	.860	3.009	.648
86.	200.0	177.90	2.070	3.195	2.1927	6.557	7.221	1.466	.869	2.909	.649
88.	200.0	184.21	2.041	3.154	2.2235	6.628	7.225	1.488	.878	2.814	.649
90.	200.0	190.53	2.013	3.114	2.2544	6.699	7.229	1.509	.887	2.724	.650
92.	200.0	196.84	1.984	3.073	2.2852	6.770	7.233	1.530	.895	2.639	.650
94.	200.0	203.15	1.956	3.032	2.3160	6.842	7.237	1.552	.904	2.557	.650
96.	200.0	209.07	1.937	3.010	2.3424	6.901	7.278	1.574	.910	2.489	.651
98.	200.0	214.99	1.918	2.988	2.3688	6.961	7.319	1.596	.915	2.423	.652
100.	200.0	220.92	1.899	2.966	2.3952	7.021	7.361	1.618	.921	2.360	.652
102.	200.0	226.84	1.880	2.944	2.4216	7.080	7.402	1.640	.927	2.300	.652
104.	200.0	232.68	1.858	2.905	2.4440	7.119	7.556	1.650	.932	2.243	.635
106.	200.0	238.44	1.846	2.905	2.4648	7.167	7.626	1.672	.935	2.194	.638
108.	200.0	244.19	1.833	2.905	2.4855	7.216	7.696	1.693	.938	2.147	.640
110.	200.0	249.95	1.821	2.906	2.5064	7.264	7.766	1.715	.940	2.102	.642
112.	200.0	255.71	1.808	2.906	2.5272	7.313	7.836	1.736	.943	2.058	.644
114.	200.0	261.46	1.796	2.906	2.5480	7.361	7.906	1.758	.946	2.016	.646
116.	200.0	267.22	1.784	2.907	2.5688	7.410	7.976	1.779	.949	1.975	.648
118.	200.0	272.98	1.771	2.907	2.5895	7.459	8.046	1.801	.952	1.936	.650
120.	200.0	278.73	1.759	2.906	2.6103	7.507	8.116	1.822	.955	1.898	.652
122.	200.0	284.49	1.747	2.906	2.6311	7.556	8.186	1.844	.958	1.861	.654
124.	200.0	290.25	1.734	2.906	2.6519	7.604	8.256	1.865	.960	1.825	.656
126.	200.0	296.01	1.722	2.905	2.6727	7.653	8.326	1.887	.963	1.791	.658
128.	200.0	301.76	1.710	2.905	2.6935	7.701	8.396	1.908	.966	1.758	.660
130.	200.0	307.52	1.697	2.904	2.7143	7.750	8.466	1.930	.969	1.726	.662
132.	200.0	313.28	1.685	2.904	2.7351	7.798	8.536	1.951	.972	1.695	.664
134.	200.0	319.03	1.673	2.904	2.7559	7.847	8.606	1.973	.975	1.664	.666
136.	200.0	324.79	1.660	2.903	2.7767	7.895	8.676	1.994	.978	1.635	.667
138.	200.0	330.85	1.651	2.921	2.7906	7.935	8.786	2.014	.979	1.610	.669
140.	200.0	336.90	1.643	2.938	2.8045	7.975	8.835	2.033	.980	1.585	.672
142.	200.0	342.96	1.634	2.955	2.8183	8.015	9.004	2.052	.981	1.561	.674
144.	200.0	349.02	1.625	2.973	2.8322	8.055	9.113	2.072	.982	1.538	.676
146.	200.0	355.08	1.617	2.990	2.8461	8.095	9.222	2.091	.983	1.515	.678
148.	200.0	361.13	1.608	3.008	2.8600	8.134	9.331	2.111	.984	1.493	.680
150.	200.0	367.19	1.599	3.025	2.8739	8.174	9.440	2.130	.985	1.472	.683

152.	200.0	373.25	1.591	3.043	2.8877	3.214	9.549	2.149	.986	1.451	.685
154.	200.0	379.31	1.582	3.060	2.9013	3.254	9.658	2.169	.987	1.431	.587
156.	200.0	385.36	1.573	3.078	2.9155	3.294	9.767	2.188	.988	1.411	.683
158.	200.0	391.42	1.564	3.095	2.9294	3.334	9.877	2.207	.989	1.392	.692
160.	200.0	397.48	1.556	3.113	2.9433	3.373	9.986	2.227	.990	1.373	.694
162.	200.0	403.54	1.547	3.130	2.9572	3.413	10.095	2.246	.991	1.354	.696
164.	200.0	409.59	1.538	3.147	2.9710	3.453	10.204	2.266	.992	1.337	.699
166.	200.0	415.65	1.530	3.165	2.9849	3.493	10.313	2.285	.993	1.319	.701
168.	200.0	421.71	1.521	3.182	2.9988	3.533	10.422	2.304	.994	1.302	.704
170.	200.0	428.46	1.515	3.203	3.0107	3.570	10.552	2.322	.994	1.286	.705
172.	200.0	435.21	1.509	3.223	3.0225	3.607	10.683	2.341	.995	1.270	.706
174.	200.0	441.97	1.503	3.244	3.0344	3.644	10.813	2.359	.995	1.255	.708
176.	200.0	448.72	1.497	3.264	3.0463	3.682	10.944	2.377	.996	1.240	.709
178.	200.0	455.47	1.491	3.285	3.0582	3.719	11.074	2.395	.996	1.226	.710
180.	200.0	462.22	1.485	3.305	3.0701	3.756	11.205	2.413	.997	1.211	.712
185.	200.0	479.11	1.469	3.357	3.0993	3.849	11.531	2.458	.998	1.177	.716
190.	200.0	495.99	1.454	3.408	3.1295	3.942	11.857	2.503	1.000	1.145	.719
195.	200.0	512.87	1.439	3.459	3.1592	4.035	12.183	2.548	1.001	1.114	.724
200.	200.0	528.06	1.419	3.549	3.1887	4.141	12.655	2.596	1.002	1.084	.728
205.	200.0	547.16	1.415	3.571	3.2203	4.219	12.942	2.637	1.003	1.057	.728
210.	200.0	566.25	1.411	3.593	3.2519	4.296	13.230	2.678	1.003	1.032	.727
215.	200.0	585.35	1.407	3.615	3.2836	4.374	13.517	2.719	1.004	1.008	.727
220.	200.0	604.45	1.403	3.636	3.3152	4.451	13.805	2.761	1.004	.984	.727
225.	200.0	623.54	1.399	3.658	3.3468	4.529	14.092	2.802	1.004	.962	.727
230.	200.0	642.64	1.395	3.680	3.3784	4.606	14.380	2.843	1.005	.941	.728
235.	200.0	661.74	1.391	3.702	3.4100	4.684	14.667	2.884	1.005	.920	.728
240.	200.0	680.84	1.386	3.724	3.4417	4.761	14.955	2.925	1.005	.901	.728
245.	200.0	699.93	1.382	3.746	3.4733	4.839	15.242	2.966	1.006	.882	.729
250.	200.0	719.03	1.378	3.768	3.5049	4.916	15.530	3.008	1.006	.864	.730
255.	200.0	738.13	1.374	3.790	3.5365	4.994	15.817	3.049	1.006	.847	.730
260.	200.0	757.22	1.370	3.811	3.5681	5.072	16.105	3.090	1.007	.830	.731
265.	200.0	776.32	1.366	3.833	3.5993	5.149	16.392	3.131	1.007	.814	.732
270.	200.0	795.42	1.362	3.855	3.6314	5.227	16.680	3.172	1.008	.799	.733
275.	200.0	814.51	1.358	3.877	3.6630	5.304	16.967	3.214	1.008	.784	.734
280.	200.0	833.61	1.354	3.899	3.6946	5.382	17.255	3.255	1.008	.770	.735
285.	200.0	852.71	1.350	3.921	3.7262	5.459	17.542	3.296	1.009	.756	.737
290.	200.0	871.81	1.346	3.943	3.7579	5.537	17.830	3.337	1.009	.743	.738
295.	200.0	890.90	1.342	3.965	3.7895	5.614	18.117	3.378	1.009	.730	.739
300.	200.0	910.00	1.338	3.986	3.8211	5.692	18.405	3.419	1.010	.718	.741
305.	200.0	929.47	1.339	3.976	3.8522	5.747	18.555	3.456	1.010	.706	.741
310.	200.0	948.95	1.340	3.965	3.8832	5.802	18.704	3.493	1.010	.695	.741
315.	200.0	968.42	1.342	3.955	3.9143	5.857	18.854	3.530	1.010	.684	.740
320.	200.0	987.90	1.343	3.944	3.9454	5.912	19.003	3.567	1.010	.673	.740
325.	200.0	1007.38	1.344	3.934	3.9764	5.967	19.153	3.604	1.010	.663	.740
330.	200.0	1026.85	1.345	3.923	4.0075	6.022	19.302	3.641	1.010	.652	.740
335.	200.0	1046.32	1.347	3.913	4.0386	6.077	19.452	3.678	1.010	.643	.740
340.	200.0	1065.80	1.348	3.902	4.0696	6.132	19.601	3.714	1.010	.633	.739
345.	200.0	1085.27	1.349	3.891	4.1007	6.187	19.751	3.751	1.010	.624	.739
350.	200.0	1104.75	1.350	3.881	4.1317	6.242	19.900	3.788	1.010	.615	.739
355.	200.0	1124.22	1.352	3.870	4.1628	6.297	20.050	3.825	1.010	.607	.738
360.	200.0	1143.70	1.353	3.860	4.1939	6.352	20.200	3.862	1.010	.598	.738
365.	200.0	1163.17	1.354	3.849	4.2249	6.407	20.349	3.899	1.010	.590	.737
370.	200.0	1182.65	1.355	3.839	4.2550	6.462	20.499	3.936	1.010	.582	.737
375.	200.0	1202.13	1.357	3.828	4.2871	6.517	20.648	3.973	1.010	.574	.736
380.	200.0	1221.60	1.358	3.817	4.3181	6.572	20.798	4.009	1.010	.567	.736
385.	200.0	1241.07	1.359	3.807	4.3492	6.627	20.947	4.046	1.010	.559	.735
390.	200.0	1260.55	1.360	3.796	4.3803	6.682	21.097	4.083	1.010	.552	.735
395.	200.0	1280.02	1.362	3.786	4.4113	6.737	21.246	4.120	1.010	.545	.734
400.	200.0	1301.40	1.366	3.753	4.4556	6.771	21.606	4.165	1.009	.538	.723
420.	200.0	1373.10	1.368	3.731	4.5580	6.910	22.213	4.287	1.009	.513	.720
440.	200.0	1444.81	1.371	3.709	4.6603	7.050	22.820	4.410	1.009	.490	.717
460.	200.0	1516.51	1.373	3.687	4.7627	7.189	23.427	4.533	1.009	.468	.713

480.	200.0	1588.22	1.376	3.664	4.8550	12.329	24.034	4.655	1.009	.449	.710
500.	200.0	1659.92	1.378	3.642	4.9674	12.468	24.641	4.778	1.009	.431	.706
520.	200.0	1731.62	1.381	3.620	5.0697	12.608	25.248	4.900	1.008	.415	.703
540.	200.0	1803.33	1.383	3.598	5.1721	12.747	25.855	5.023	1.008	.399	.699
560.	200.0	1875.03	1.386	3.576	5.2744	12.887	26.462	5.146	1.008	.385	.695
580.	200.0	1946.74	1.389	3.553	5.3768	13.026	27.069	5.268	1.008	.372	.692
600.	200.0	2018.44	1.391	3.531	5.4791	13.165	27.676	5.391	1.008	.360	.688
620.	200.0	2090.14	1.394	3.509	5.5815	13.305	28.283	5.514	1.007	.348	.684
640.	200.0	2161.85	1.396	3.487	5.6838	13.444	28.890	5.636	1.007	.337	.680
660.	200.0	2232.34	1.397	3.476	5.7746	13.558	29.510	5.752	1.007	.327	.677
680.	200.0	2301.63	1.397	3.476	5.8538	13.646	30.143	5.861	1.007	.317	.676
700.	200.0	2370.92	1.397	3.476	5.9330	13.733	30.776	5.969	1.007	.308	.674
720.	200.0	2440.21	1.397	3.475	6.0123	13.821	31.409	6.078	1.007	.300	.673
740.	200.0	2509.50	1.397	3.476	6.0915	13.909	32.041	6.186	1.007	.292	.671
760.	200.0	2578.78	1.397	3.476	6.1707	13.997	32.674	6.295	1.006	.284	.670
780.	200.0	2648.07	1.397	3.476	6.2499	14.084	33.307	6.404	1.006	.277	.668
800.	200.0	2717.36	1.397	3.476	6.3291	14.172	33.939	6.512	1.006	.270	.667
820.	200.0	2786.65	1.397	3.476	6.4083	14.260	34.572	6.621	1.006	.264	.666
840.	200.0	2855.94	1.397	3.477	6.4876	14.348	35.205	6.730	1.006	.257	.665
860.	200.0	2925.22	1.397	3.477	6.5668	14.435	35.838	6.838	1.006	.251	.663
880.	200.0	2994.51	1.397	3.477	6.6460	14.523	36.470	6.947	1.006	.246	.662
900.	200.0	3063.80	1.396	3.477	6.7252	14.611	37.103	7.056	1.005	.240	.661
920.	200.0	3133.34	1.396	3.477	6.7944	14.699	37.798	7.160	1.005	.235	.659
940.	200.0	3202.89	1.396	3.476	6.8636	14.747	38.492	7.264	1.005	.230	.656
960.	200.0	3272.43	1.396	3.475	6.9328	14.815	39.187	7.368	1.005	.225	.654
980.	200.0	3341.98	1.396	3.476	7.0019	14.882	39.882	7.472	1.005	.221	.651
1000.	200.0	3411.52	1.396	3.476	7.0711	14.950	40.577	7.576	1.005	.216	.649
1050.	200.0	3585.38	1.396	3.476	7.2441	15.120	42.313	7.836	1.005	.206	.644
1100.	200.0	3759.24	1.396	3.475	7.4170	15.289	44.050	8.097	1.005	.197	.639
1150.	200.0	3933.10	1.396	3.475	7.5900	15.459	45.787	8.357	1.004	.188	.634
1200.	200.0	4107.58	1.395	3.482	7.7414	15.595	46.804	8.635	1.004	.180	.642
1250.	200.0	4282.06	1.394	3.488	7.8928	15.732	47.821	8.913	1.004	.173	.650
1300.	200.0	4456.54	1.393	3.495	8.0441	15.868	48.838	9.192	1.004	.167	.658
1350.	200.0	4631.02	1.392	3.502	8.1955	16.005	49.855	9.470	1.004	.160	.665
1400.	200.0	4803.30	1.391	3.504	8.3577	16.152	50.313	9.779	1.003	.155	.681
1450.	200.0	4981.03	1.390	3.515	8.4875	16.258	51.738	10.018	1.003	.149	.681
1500.	200.0	5158.77	1.388	3.525	8.6172	16.364	53.163	10.257	1.003	.144	.680
1550.	200.0	5336.50	1.386	3.535	8.7470	16.471	54.589	10.496	1.003	.140	.680
1600.	200.0	5514.23	1.385	3.546	8.8768	16.577	56.014	10.735	1.003	.135	.679
1650.	200.0	5691.97	1.383	3.556	9.0066	16.683	57.439	10.973	1.003	.131	.679
1700.	200.0	5869.70	1.382	3.566	9.1363	16.789	58.864	11.212	1.003	.128	.679
1750.	200.0	6047.43	1.380	3.576	9.2661	16.896	60.290	11.451	1.003	.124	.679
1800.	200.0	6225.17	1.379	3.587	9.3959	17.002	61.715	11.690	1.003	.120	.679
1850.	200.0	6402.90	1.377	3.597	9.5257	17.108	63.140	11.929	1.003	.117	.680
1900.	200.0	6580.63	1.376	3.607	9.6554	17.214	64.565	12.167	1.002	.114	.680
1950.	200.0	6758.37	1.374	3.618	9.7852	17.321	65.991	12.406	1.002	.111	.680
2000.	200.0	6936.10	1.373	3.628	9.9150	17.427	67.416	12.645	1.002	.108	.680
2050.	200.0	7121.67	1.371	3.642	10.0215	17.507	68.933	12.887	1.002	.106	.680
2100.	200.0	7307.23	1.369	3.657	10.1280	17.587	70.451	13.089	1.002	.103	.679
2150.	200.0	7492.80	1.367	3.671	10.2345	17.667	71.968	13.311	1.002	.101	.679
2200.	200.0	7678.37	1.365	3.686	10.3410	17.747	73.486	13.533	1.002	.099	.679
2250.	200.0	7863.93	1.363	3.701	10.4475	17.827	75.003	13.755	1.002	.096	.679
2300.	200.0	8049.50	1.361	3.715	10.5540	17.907	76.520	13.977	1.002	.094	.679
2350.	200.0	8235.07	1.359	3.730	10.6605	17.988	78.038	14.200	1.002	.092	.679
2400.	200.0	8420.63	1.357	3.744	10.7670	18.068	79.555	14.422	1.002	.090	.679
2450.	200.0	8606.20	1.355	3.759	10.8735	18.148	81.073	14.644	1.002	.089	.679
2500.	200.0	8791.77	1.353	3.773	10.9800	18.228	82.590	14.866	1.002	.087	.679
2550.	200.0	8977.33	1.352	3.788	11.0865	18.308	84.108	15.088	1.002	.085	.679
2600.	200.0	9162.90	1.350	3.802	11.1930	18.388	85.625	15.310	1.002	.083	.680
2650.	200.0	9357.07	1.348	3.817	11.2867	18.455	87.199	15.522	1.002	.082	.679
2700.	200.0	9551.25	1.346	3.831	11.3803	18.522	88.772	15.734	1.002	.080	.679
2750.	200.0	9745.42	1.345	3.846	11.4740	18.589	90.346	15.946	1.002	.079	.679

2800.	200.0	9939.60	1.343	3.860	11.5677	18.656	91.920	16.158	1.002	.078	.679
2850.	200.0	10133.77	1.341	3.875	11.6613	18.723	93.494	16.370	1.002	.076	.678
2900.	200.0	10327.95	1.339	3.889	11.7550	18.790	95.067	16.581	1.002	.075	.678
2950.	200.0	10522.12	1.338	3.904	11.8487	18.858	96.641	16.793	1.002	.074	.678
3000.	200.0	10716.30	1.336	3.918	11.9423	18.925	98.215	17.005	1.001	.072	.678
3050.	200.0	10910.47	1.334	3.933	12.0360	18.992	99.739	17.217	1.001	.071	.679
3100.	200.0	11104.65	1.333	3.947	12.1297	19.059	101.362	17.429	1.001	.070	.679
3150.	200.0	11298.82	1.331	3.962	12.2233	19.126	102.936	17.641	1.001	.069	.679
3200.	200.0	11493.00	1.329	3.976	12.3170	19.193	104.510	17.853	1.001	.068	.679
3250.	200.0	11698.25	1.327	3.998	12.3987	19.251	106.543	18.057	1.001	.067	.678
3300.	200.0	11903.50	1.326	4.021	12.4805	19.310	108.577	18.261	1.001	.066	.676
3350.	200.0	12108.75	1.324	4.043	12.5622	19.368	110.610	18.465	1.001	.065	.675
3400.	200.0	12314.00	1.322	4.065	12.6440	19.426	112.643	18.669	1.001	.064	.674
3450.	200.0	12519.25	1.320	4.088	12.7257	19.485	114.677	18.873	1.001	.063	.673
3500.	200.0	12724.50	1.318	4.111	12.8075	19.543	116.710	19.077	1.001	.062	.672
3550.	200.0	12929.75	1.316	4.133	12.8892	19.601	118.743	19.281	1.001	.061	.671
3600.	200.0	13135.00	1.314	4.155	12.9710	19.660	120.777	19.485	1.001	.060	.670
3650.	200.0	13340.25	1.312	4.178	13.0527	19.718	122.810	19.689	1.001	.059	.670
3700.	200.0	13545.50	1.310	4.200	13.1345	19.776	124.843	19.893	1.001	.059	.669
3750.	200.0	13750.75	1.308	4.223	13.2162	19.835	126.877	20.097	1.001	.058	.669
3800.	200.0	13958.00	1.306	4.249	13.2940	19.941	129.050	20.300	1.001	.057	.668
3850.	200.0	14177.63	1.304	4.291	13.3657	19.996	132.210	20.499	1.002	.056	.665
3900.	200.0	14397.25	1.301	4.333	13.4375	20.051	135.370	20.699	1.002	.056	.663
3950.	200.0	14616.88	1.298	4.375	13.5092	20.106	138.530	20.898	1.002	.055	.660
4000.	200.0	14836.50	1.296	4.418	13.5810	20.161	141.690	21.098	1.002	.054	.658
4050.	200.0	15056.13	1.293	4.460	13.6527	20.217	144.850	21.297	1.002	.054	.656
4100.	200.0	15275.75	1.291	4.502	13.7245	20.272	148.010	21.497	1.002	.053	.654
4150.	200.0	15495.38	1.288	4.544	13.7962	20.327	151.170	21.696	1.002	.052	.652
4200.	200.0	15715.00	1.285	4.587	13.8680	20.382	154.330	21.896	1.002	.052	.651
4250.	200.0	15957.75	1.282	4.663	13.9315	20.437	159.570	22.093	1.003	.051	.646
4300.	200.0	16200.50	1.279	4.739	13.9950	20.492	164.810	22.289	1.003	.050	.641
4350.	200.0	16443.25	1.276	4.816	14.0585	20.548	170.050	22.486	1.003	.050	.637
4400.	200.0	16686.00	1.273	4.892	14.1220	20.603	175.290	22.683	1.004	.049	.633
4450.	200.0	16928.75	1.269	4.969	14.1855	20.658	180.530	22.880	1.004	.049	.630
4500.	200.0	17171.50	1.266	5.045	14.2490	20.713	185.770	23.076	1.004	.048	.627
4550.	200.0	17414.25	1.263	5.121	14.3125	20.769	191.010	23.273	1.005	.048	.624
4600.	200.0	17657.00	1.260	5.198	14.3760	20.824	196.250	23.470	1.005	.047	.622
4650.	200.0	17943.00	1.257	5.329	14.4362	20.883	205.181	23.666	1.006	.046	.615
4700.	200.0	18229.00	1.254	5.461	14.4965	20.943	214.112	23.861	1.006	.046	.609
4750.	200.0	18515.00	1.251	5.592	14.5567	21.002	223.044	24.057	1.007	.045	.603
4800.	200.0	18801.00	1.247	5.723	14.6170	21.062	231.975	24.253	1.008	.045	.598
4850.	200.0	19087.00	1.244	5.855	14.6772	21.121	240.906	24.449	1.008	.044	.594
4900.	200.0	19373.00	1.241	5.986	14.7375	21.181	249.837	24.644	1.009	.044	.590
4950.	200.0	19659.00	1.238	6.118	14.7977	21.240	258.769	24.840	1.010	.043	.587
5000.	200.0	19945.00	1.235	6.249	14.8580	21.300	267.700	25.036	1.011	.043	.584

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP.	DENSITY	PRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	OF SOUND		* (10)**7	* (10)**7	FACTOR	*(10)**4	NUMBER
			RATIO	(BTU/	*(10)**-4	(BTU/	(BTU/	(LB/IN-SEC)	PV/RT	(LB/CU.IN)	
			CP/CV	LB-DEG.R)	(IN/SEC)	LB-DEG.R)	IN-SEC-DEG.R)		R=9200		
36.	250.0	-104.49	1.575	2.133	4.6625	1.797	15.774	8.544	.285	26.444	1.156
38.	250.0	-99.98	1.639	2.269	4.5592	1.916	15.611	7.877	.275	25.974	1.145
40.	250.0	-95.47	1.703	2.404	4.4559	2.035	15.447	7.210	.265	25.618	1.122
42.	250.0	-90.34	1.794	2.573	4.3350	2.158	15.300	6.698	.258	25.090	1.126
44.	250.0	-85.21	1.884	2.742	4.2140	2.280	15.153	6.186	.251	24.647	1.120
46.	250.0	-79.37	1.991	2.918	4.0684	2.407	14.994	5.760	.246	24.055	1.121
48.	250.0	-73.53	2.097	3.093	3.9227	2.534	14.836	5.334	.241	23.532	1.112
50.	250.0	-66.56	2.368	3.585	3.7401	2.673	14.625	4.956	.238	22.787	1.215
52.	250.0	-59.60	2.638	4.078	3.5575	2.812	14.415	4.579	.236	22.104	1.295
54.	250.0	-51.78	2.457	3.514	3.3428	2.959	14.163	4.236	.236	21.355	1.051
56.	250.0	-43.96	2.276	2.950	3.1281	3.105	13.910	3.893	.235	20.660	.825
58.	250.0	-32.17	3.808	5.952	2.8273	3.309	13.410	3.505	.245	19.099	1.556
60.	250.0	-18.85	4.777	7.459	2.4913	3.536	12.813	3.098	.259	17.519	1.803
62.	250.0	2.15	9.563	16.498	1.9796	3.880	11.626	2.548	.292	15.010	3.615
64.	250.0	43.57	10.820	20.373	1.6522	4.538	9.693	1.864	.421	10.082	3.918
66.	250.0	71.82	5.359	9.368	1.7382	4.973	9.047	1.605	.537	7.667	1.662
68.	250.0	87.95	4.277	7.246	1.8029	5.214	8.770	1.517	.603	6.630	1.253
70.	250.0	100.93	3.566	5.864	1.8630	5.402	8.565	1.475	.652	5.951	1.010
72.	250.0	111.82	3.179	5.130	1.9146	5.556	8.412	1.458	.691	5.464	.889
74.	250.0	122.17	2.959	4.757	1.9601	5.737	8.049	1.463	.730	5.027	.865
76.	250.0	130.03	2.827	4.521	2.0021	5.835	8.014	1.475	.750	4.769	.832
78.	250.0	137.88	2.694	4.285	2.0441	5.934	7.978	1.487	.769	4.530	.799
80.	250.0	145.73	2.562	4.050	2.0861	6.032	7.943	1.498	.788	4.309	.764
82.	250.0	153.59	2.429	3.814	2.1280	6.130	7.908	1.510	.808	4.103	.728
84.	250.0	161.44	2.296	3.579	2.1700	6.229	7.873	1.522	.827	3.912	.692
86.	250.0	168.24	2.250	3.509	2.2008	6.305	7.872	1.538	.838	3.770	.685
88.	250.0	175.04	2.204	3.439	2.2317	6.382	7.872	1.554	.849	3.636	.679
90.	250.0	181.83	2.158	3.368	2.2625	6.458	7.871	1.569	.860	3.509	.672
92.	250.0	188.63	2.112	3.298	2.2934	6.535	7.871	1.585	.872	3.389	.664
94.	250.0	195.43	2.066	3.228	2.3242	6.611	7.870	1.601	.883	3.275	.657
96.	250.0	201.67	2.039	3.192	2.3510	6.674	7.902	1.621	.890	3.181	.655
98.	250.0	207.92	2.012	3.156	2.3778	6.737	7.934	1.640	.897	3.092	.652
100.	250.0	214.16	1.984	3.120	2.4046	6.800	7.966	1.659	.904	3.007	.650
102.	250.0	220.41	1.957	3.084	2.4314	6.863	7.997	1.679	.911	2.925	.647
104.	250.0	226.74	1.927	3.034	2.4631	6.941	8.011	1.698	.920	2.841	.643
106.	250.0	232.66	1.911	3.029	2.4837	6.991	8.078	1.718	.923	2.777	.644
108.	250.0	238.58	1.896	3.023	2.5042	7.041	8.145	1.738	.927	2.716	.645
110.	250.0	244.50	1.881	3.018	2.5247	7.091	8.212	1.758	.930	2.656	.646
112.	250.0	250.42	1.866	3.013	2.5453	7.141	8.280	1.778	.933	2.599	.647
114.	250.0	256.34	1.850	3.007	2.5658	7.191	8.347	1.798	.937	2.544	.648
116.	250.0	262.26	1.835	3.002	2.5864	7.241	8.414	1.818	.940	2.491	.649
118.	250.0	268.18	1.820	2.997	2.6069	7.291	8.481	1.838	.944	2.440	.649
120.	250.0	274.10	1.804	2.992	2.6274	7.341	8.548	1.858	.947	2.391	.650
122.	250.0	280.02	1.789	2.986	2.6480	7.391	8.616	1.878	.951	2.343	.651
124.	250.0	285.94	1.774	2.981	2.6685	7.441	8.683	1.897	.954	2.297	.651
126.	250.C	291.86	1.759	2.976	2.6891	7.491	8.750	1.917	.957	2.252	.652
128.	250.C	297.78	1.743	2.971	2.7096	7.541	8.817	1.937	.961	2.209	.653
130.	250.C	303.70	1.728	2.965	2.7302	7.591	8.885	1.957	.964	2.168	.653
132.	250.C	309.62	1.713	2.960	2.7507	7.641	8.952	1.977	.968	2.127	.654
134.	250.C	315.54	1.698	2.955	2.7712	7.691	9.019	1.997	.971	2.088	.654
136.	250.C	321.46	1.682	2.950	2.7918	7.740	9.086	2.017	.975	2.050	.655
138.	250.C	327.58	1.673	2.966	2.8056	7.781	9.192	2.036	.976	2.018	.657
140.	250.C	333.71	1.664	2.982	2.8194	7.821	9.299	2.055	.977	1.987	.659
142.	250.C	339.84	1.654	2.999	2.8332	7.861	9.405	2.074	.978	1.956	.661
144.	250.C	345.96	1.645	3.015	2.8471	7.902	9.511	2.093	.979	1.927	.664
146.	250.C	352.09	1.636	3.031	2.8609	7.942	9.617	2.112	.981	1.898	.666
148.	250.0	358.22	1.626	3.047	2.8747	7.982	9.723	2.131	.982	1.870	.668
150.	250.0	364.34	1.617	3.064	2.8885	8.022	9.829	2.150	.983	1.843	.670

152.	250.0	370.47	1.607	3.080	2.9023	3.063	9.935	2.169	.984	1.816	.673
154.	250.0	376.60	1.598	3.096	2.9162	8.103	10.041	2.188	.985	1.791	.675
156.	250.0	382.72	1.589	3.113	2.9303	8.143	10.147	2.207	.987	1.766	.677
158.	250.0	388.85	1.579	3.129	2.9438	3.183	10.253	2.226	.988	1.741	.679
160.	250.0	394.98	1.570	3.145	2.9576	8.224	10.359	2.245	.989	1.717	.682
162.	250.0	401.10	1.561	3.161	2.9714	8.264	10.465	2.264	.990	1.694	.684
164.	250.0	407.23	1.551	3.178	2.9852	8.304	10.571	2.283	.991	1.671	.686
166.	250.0	413.36	1.542	3.194	2.9991	8.345	10.677	2.302	.993	1.649	.689
168.	250.0	419.48	1.532	3.210	3.0129	8.385	10.783	2.321	.994	1.628	.691
170.	250.0	426.28	1.526	3.230	3.0247	8.422	10.911	2.339	.994	1.608	.693
172.	250.0	433.08	1.520	3.250	3.0366	8.460	11.039	2.357	.995	1.588	.694
174.	250.0	439.88	1.513	3.270	3.0484	8.497	11.167	2.375	.996	1.569	.696
176.	250.0	446.67	1.507	3.290	3.0602	8.535	11.294	2.393	.996	1.550	.697
178.	250.0	453.47	1.500	3.310	3.0720	8.572	11.422	2.411	.997	1.531	.699
180.	250.0	460.27	1.494	3.330	3.0839	3.610	11.550	2.428	.997	1.514	.700
185.	250.0	477.26	1.478	3.380	3.1135	8.703	11.870	2.473	.999	1.470	.704
190.	250.0	494.25	1.462	3.430	3.1430	8.797	12.189	2.518	1.001	1.429	.709
195.	250.0	511.24	1.446	3.480	3.1726	8.891	12.509	2.562	1.002	1.391	.713
200.	250.0	526.59	1.425	3.568	3.2020	3.997	12.974	2.610	1.004	1.353	.718
205.	250.0	545.75	1.421	3.589	3.2336	9.075	13.256	2.651	1.004	1.320	.718
210.	250.0	564.91	1.416	3.610	3.2652	9.153	13.537	2.691	1.005	1.288	.718
215.	250.0	584.06	1.412	3.632	3.2968	9.231	13.819	2.732	1.005	1.257	.718
220.	250.0	603.22	1.408	3.653	3.3284	9.308	14.101	2.773	1.006	1.228	.718
225.	250.0	622.38	1.403	3.674	3.3600	9.386	14.382	2.813	1.006	1.200	.719
230.	250.0	641.54	1.399	3.696	3.3916	9.464	14.664	2.854	1.006	1.174	.719
235.	250.0	660.70	1.395	3.717	3.4232	9.542	14.946	2.895	1.007	1.148	.720
240.	250.0	679.85	1.391	3.738	3.4548	9.620	15.227	2.936	1.007	1.124	.721
245.	250.0	699.01	1.386	3.759	3.4864	9.697	15.509	2.976	1.008	1.101	.721
250.	250.0	718.17	1.382	3.781	3.5180	9.775	15.791	3.017	1.008	1.078	.722
255.	250.0	737.33	1.378	3.802	3.5496	9.853	15.072	3.058	1.009	1.057	.723
260.	250.0	756.49	1.374	3.823	3.5812	9.931	16.354	3.099	1.009	1.036	.724
265.	250.0	775.64	1.369	3.844	3.6128	10.009	16.636	3.139	1.009	1.016	.725
270.	250.0	794.80	1.365	3.866	3.6444	10.087	16.917	3.180	1.010	.997	.727
275.	250.0	813.96	1.361	3.887	3.6760	10.164	17.199	3.221	1.010	.978	.728
280.	250.0	833.12	1.357	3.908	3.7076	10.242	17.481	3.262	1.011	.960	.729
285.	250.0	852.28	1.352	3.929	3.7392	10.320	17.762	3.302	1.011	.943	.731
290.	250.0	871.43	1.348	3.951	3.7708	10.398	18.044	3.343	1.011	.926	.732
295.	250.0	890.59	1.344	3.972	3.8024	10.476	18.326	3.384	1.012	.910	.733
300.	250.0	909.75	1.340	3.993	3.8339	10.553	18.607	3.424	1.012	.895	.735
305.	250.0	929.25	1.341	3.982	3.8650	10.608	18.753	3.461	1.012	.880	.735
310.	250.0	948.75	1.342	3.972	3.8961	10.663	18.899	3.498	1.012	.866	.735
315.	250.0	968.25	1.343	3.961	3.9271	10.719	19.045	3.535	1.012	.852	.735
320.	250.0	987.74	1.345	3.950	3.9582	10.774	19.190	3.571	1.012	.839	.735
325.	250.0	1007.24	1.346	3.940	3.9892	10.829	19.336	3.608	1.012	.826	.735
330.	250.0	1026.74	1.347	3.929	4.0203	10.884	19.482	3.645	1.012	.814	.735
335.	250.0	1046.24	1.348	3.918	4.0513	10.939	19.627	3.682	1.012	.801	.735
340.	250.0	1065.74	1.349	3.907	4.0824	10.994	19.773	3.718	1.012	.790	.735
345.	250.0	1085.24	1.351	3.897	4.1134	11.049	19.919	3.755	1.012	.778	.735
350.	250.0	1104.74	1.352	3.886	4.1445	11.104	20.064	3.792	1.012	.767	.734
355.	250.0	1124.24	1.353	3.875	4.1755	11.159	20.210	3.829	1.012	.756	.734
360.	250.0	1143.73	1.354	3.865	4.2066	11.214	20.356	3.865	1.012	.746	.734
365.	250.0	1163.23	1.356	3.854	4.2377	11.269	20.501	3.902	1.012	.736	.734
370.	250.0	1182.73	1.357	3.843	4.2687	11.324	20.647	3.939	1.012	.726	.733
375.	250.0	1202.23	1.358	3.832	4.2998	11.379	20.793	3.976	1.012	.716	.733
380.	250.0	1221.73	1.359	3.822	4.3308	11.434	20.938	4.012	1.012	.707	.732
385.	250.0	1241.23	1.360	3.811	4.3619	11.489	21.084	4.049	1.012	.697	.732
390.	250.0	1260.73	1.362	3.800	4.3929	11.544	21.230	4.086	1.012	.689	.731
395.	250.0	1280.23	1.363	3.790	4.4240	11.599	21.375	4.122	1.012	.680	.731
400.	250.0	1301.68	1.367	3.757	4.4687	11.670	21.741	4.168	1.012	.671	.720
420.	250.0	1373.43	1.369	3.734	4.5709	11.810	22.343	4.290	1.012	.640	.717
440.	250.0	1445.18	1.372	3.712	4.6730	11.949	22.944	4.413	1.011	.611	.714
460.	250.0	1516.94	1.374	3.689	4.7752	12.089	23.545	4.535	1.011	.584	.711

480.	250.0	1588.69	1.377	3.667	4.8774	12.228	24.147	4.656	1.011	.560	.707
500.	250.0	1660.44	1.379	3.645	4.9795	12.368	24.748	4.780	1.011	.538	.704
520.	250.0	1732.19	1.382	3.622	5.0817	12.507	25.349	4.903	1.011	.517	.701
540.	250.0	1803.94	1.384	3.600	5.1839	12.647	25.951	5.025	1.010	.498	.697
560.	250.0	1875.69	1.387	3.578	5.2860	12.787	26.552	5.148	1.010	.480	.694
580.	250.0	1947.44	1.389	3.555	5.3882	12.926	27.153	5.270	1.010	.464	.690
600.	250.0	2019.20	1.392	3.533	5.4904	13.066	27.755	5.393	1.010	.449	.686
620.	250.0	2090.95	1.394	3.510	5.5925	13.205	28.356	5.515	1.009	.434	.683
640.	250.0	2162.70	1.396	3.488	5.6947	13.345	28.957	5.638	1.009	.421	.679
660.	250.0	2233.23	1.398	3.477	5.7853	13.458	29.574	5.753	1.009	.408	.676
680.	250.0	2302.53	1.398	3.477	5.8644	13.546	30.204	5.862	1.009	.396	.675
700.	250.0	2371.84	1.397	3.477	5.9435	13.634	30.835	5.970	1.009	.385	.673
720.	250.0	2441.14	1.397	3.477	6.0226	13.722	31.466	6.079	1.008	.374	.672
740.	250.0	2510.45	1.397	3.477	6.1017	13.809	32.097	6.188	1.008	.364	.670
760.	250.0	2579.75	1.397	3.477	6.1808	13.897	32.728	6.296	1.008	.355	.669
780.	250.0	2649.06	1.397	3.477	6.2599	13.985	33.358	6.405	1.008	.346	.668
800.	250.0	2718.36	1.397	3.477	6.3393	14.073	33.989	6.513	1.008	.337	.666
820.	250.0	2787.67	1.397	3.477	6.4180	14.161	34.620	6.622	1.007	.329	.665
840.	250.0	2856.97	1.397	3.477	6.4971	14.248	35.251	6.731	1.007	.321	.664
860.	250.0	2926.28	1.397	3.477	6.5762	14.336	35.882	6.839	1.007	.314	.663
880.	250.0	2995.58	1.397	3.477	6.6553	14.424	36.513	6.948	1.007	.307	.662
900.	250.0	3064.89	1.397	3.477	6.7344	14.512	37.143	7.056	1.007	.300	.661
920.	250.0	3134.44	1.397	3.477	6.8035	14.580	37.837	7.161	1.007	.293	.658
940.	250.0	3203.99	1.396	3.477	6.8725	14.647	38.531	7.265	1.007	.287	.656
960.	250.0	3273.54	1.396	3.477	6.9416	14.715	39.225	7.369	1.006	.281	.653
980.	250.0	3343.10	1.396	3.477	7.0107	14.783	39.919	7.473	1.006	.276	.651
1000.	250.0	3412.65	1.396	3.477	7.0798	14.851	40.613	7.577	1.006	.270	.649
1050.	250.0	3586.53	1.396	3.476	7.2526	15.021	42.348	7.837	1.006	.257	.643
1100.	250.0	3760.41	1.396	3.476	7.4253	15.190	44.083	8.097	1.006	.246	.638
1150.	250.0	3934.29	1.396	3.475	7.5980	15.360	45.818	8.357	1.005	.235	.634
1200.	250.0	4108.79	1.395	3.482	7.7492	15.496	46.830	8.636	1.005	.225	.642
1250.	250.0	4283.28	1.394	3.489	7.9004	15.633	47.841	8.914	1.005	.216	.650
1300.	250.0	4457.78	1.393	3.495	8.0515	15.769	48.853	9.192	1.005	.208	.658
1350.	250.0	4632.27	1.392	3.502	8.2027	15.905	49.864	9.470	1.005	.200	.665
1400.	250.0	4806.57	1.391	3.505	8.3646	16.053	50.313	9.779	1.004	.193	.681
1450.	250.0	4982.31	1.389	3.515	8.4943	16.159	51.738	10.018	1.004	.187	.681
1500.	250.0	5160.04	1.388	3.525	8.6239	16.265	53.164	10.257	1.004	.180	.680
1550.	250.0	5337.78	1.386	3.535	8.7536	16.372	54.589	10.496	1.004	.175	.680
1600.	250.0	5515.52	1.385	3.546	8.8832	16.478	56.014	10.735	1.004	.169	.680
1650.	250.0	5693.25	1.383	3.556	9.0129	16.584	57.439	10.973	1.004	.164	.679
1700.	250.0	5870.99	1.382	3.565	9.1425	16.690	58.865	11.212	1.004	.159	.679
1750.	250.0	6048.73	1.380	3.577	9.2722	16.797	60.290	11.451	1.003	.155	.679
1800.	250.0	6226.46	1.379	3.587	9.4018	16.903	61.715	11.690	1.003	.150	.679
1850.	250.0	6404.20	1.377	3.597	9.5315	17.009	63.140	11.929	1.003	.146	.680
1900.	250.0	6581.94	1.376	3.607	9.6611	17.115	64.566	12.167	1.003	.143	.680
1950.	250.0	6759.68	1.374	3.618	9.7908	17.222	65.991	12.406	1.003	.139	.680
2000.	250.0	6937.41	1.373	3.628	9.9204	17.328	67.416	12.645	1.003	.135	.680
2050.	250.0	7122.98	1.371	3.642	10.0269	17.408	68.933	12.867	1.003	.132	.680
2100.	250.0	7308.54	1.369	3.657	10.1333	17.488	70.451	13.089	1.003	.129	.679
2150.	250.0	7494.11	1.367	3.671	10.2397	17.568	71.968	13.311	1.003	.126	.679
2200.	250.0	7679.67	1.365	3.686	10.3461	17.648	73.485	13.533	1.003	.123	.679
2250.	250.0	7865.24	1.363	3.701	10.4526	17.728	75.003	13.755	1.003	.120	.679
2300.	250.0	8050.81	1.361	3.715	10.5593	17.808	76.520	13.977	1.003	.118	.679
2350.	250.0	8236.37	1.359	3.730	10.6654	17.888	78.037	14.200	1.002	.115	.679
2400.	250.0	8421.94	1.357	3.744	10.7713	17.969	79.555	14.422	1.002	.113	.679
2450.	250.0	8607.50	1.355	3.759	10.8783	18.049	81.072	14.644	1.002	.111	.679
2500.	250.0	8793.07	1.353	3.773	10.9847	18.129	82.589	14.866	1.002	.108	.679
2550.	250.0	8978.63	1.351	3.788	11.0911	18.209	84.107	15.088	1.002	.106	.679
2600.	250.0	9164.20	1.350	3.802	11.1976	18.289	85.624	15.310	1.002	.104	.680
2650.	250.0	9358.37	1.348	3.817	11.2912	18.356	87.197	15.522	1.002	.102	.679
2700.	250.0	9552.54	1.346	3.831	11.3848	18.423	88.770	15.734	1.002	.100	.679
2750.	250.0	9746.71	1.344	3.846	11.4784	18.490	90.343	15.946	1.002	.099	.679

2800.	250.0	9940.88	1.343	3.860	11.5721	18.557	91.916	16.158	1.002	.097	.679
2850.	250.0	10135.05	1.341	3.874	11.6657	18.624	93.489	16.370	1.002	.095	.678
2900.	250.0	10329.22	1.339	3.889	11.7593	18.691	95.062	16.581	1.002	.094	.678
2950.	250.0	10523.40	1.338	3.903	11.8529	18.758	96.635	16.793	1.002	.092	.678
3000.	250.0	10717.57	1.336	3.918	11.9465	18.826	98.208	17.005	1.002	.090	.678
3050.	250.0	10911.74	1.334	3.932	12.0402	18.893	99.731	17.217	1.002	.089	.679
3100.	250.0	11105.91	1.333	3.947	12.1338	18.960	101.354	17.429	1.002	.088	.679
3150.	250.0	11300.08	1.331	3.961	12.2274	19.027	102.927	17.641	1.002	.086	.679
3200.	250.0	11494.25	1.329	3.976	12.3211	19.094	104.500	17.853	1.002	.085	.679
3250.	250.0	11699.39	1.327	3.998	12.4029	19.152	106.516	18.057	1.002	.083	.678
3300.	250.0	11904.52	1.326	4.020	12.4847	19.210	108.532	18.261	1.002	.082	.676
3350.	250.0	12109.66	1.324	4.042	12.5665	19.269	110.549	18.465	1.002	.081	.675
3400.	250.0	12314.79	1.322	4.064	12.6484	19.327	112.565	18.669	1.002	.080	.674
3450.	250.0	12519.93	1.320	4.086	12.7302	19.385	114.581	18.873	1.002	.079	.673
3500.	250.0	12725.06	1.318	4.108	12.8120	19.444	116.597	19.077	1.002	.078	.672
3550.	250.0	12930.20	1.316	4.130	12.8938	19.502	118.613	19.281	1.002	.076	.671
3600.	250.0	13135.33	1.314	4.152	12.9755	19.560	120.630	19.485	1.002	.075	.671
3650.	250.0	13340.47	1.312	4.174	13.0575	19.619	122.646	19.689	1.002	.074	.670
3700.	250.0	13545.60	1.310	4.196	13.1393	19.677	124.662	19.893	1.002	.073	.670
3750.	250.0	13750.74	1.309	4.218	13.2211	19.735	126.678	20.097	1.002	.072	.669
3800.	250.0	13957.13	1.307	4.241	13.2999	19.805	128.720	20.300	1.002	.071	.669
3850.	250.0	14176.09	1.304	4.282	13.3720	19.860	131.792	20.499	1.002	.070	.666
3900.	250.0	14395.06	1.302	4.322	13.4441	19.915	134.865	20.699	1.002	.070	.663
3950.	250.0	14614.03	1.299	4.363	13.5162	19.970	137.937	20.898	1.002	.069	.661
4000.	250.0	14833.00	1.297	4.403	13.5884	20.025	141.009	21.098	1.002	.068	.659
4050.	250.0	15051.97	1.294	4.444	13.6605	20.080	144.082	21.297	1.002	.067	.657
4100.	250.0	15270.94	1.291	4.484	13.7325	20.134	147.154	21.497	1.002	.066	.655
4150.	250.0	15489.91	1.289	4.525	13.8047	20.189	150.226	21.696	1.002	.065	.653
4200.	250.0	15708.88	1.286	4.565	13.8769	20.244	153.299	21.896	1.003	.065	.652
4250.	250.0	15949.91	1.283	4.638	13.9409	20.299	158.338	22.093	1.003	.064	.647
4300.	250.0	16190.94	1.280	4.711	14.0049	20.354	163.378	22.289	1.003	.063	.643
4350.	250.0	16431.97	1.277	4.783	14.0689	20.409	168.418	22.486	1.003	.062	.639
4400.	250.0	16673.00	1.274	4.856	14.1329	20.464	173.457	22.683	1.004	.062	.635
4450.	250.0	16914.03	1.271	4.929	14.1969	20.519	178.497	22.879	1.004	.061	.632
4500.	250.0	17155.06	1.268	5.002	14.2609	20.574	183.537	23.076	1.004	.060	.629
4550.	250.0	17396.09	1.265	5.074	14.3249	20.628	188.577	23.273	1.005	.059	.626
4600.	250.0	17637.13	1.262	5.147	14.3889	20.683	193.616	23.469	1.005	.059	.624
4650.	250.0	17919.27	1.259	5.272	14.4494	20.742	202.150	23.665	1.006	.058	.617
4700.	250.0	18201.41	1.256	5.397	14.5099	20.801	210.683	23.861	1.006	.057	.611
4750.	250.0	18483.55	1.253	5.521	14.5704	20.859	219.216	24.056	1.007	.057	.606
4800.	250.0	18765.69	1.250	5.646	14.6309	20.918	227.749	24.252	1.008	.056	.601
4850.	250.0	19047.83	1.246	5.771	14.6915	20.977	236.283	24.447	1.008	.056	.597
4900.	250.0	19329.97	1.243	5.895	14.7520	21.035	244.816	24.643	1.009	.055	.593
4950.	250.0	19612.11	1.240	6.020	14.8125	21.094	253.349	24.839	1.010	.054	.590
5000.	250.0	19894.25	1.237	6.145	14.8730	21.153	261.882	25.034	1.010	.054	.587

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR * (10)**4 PV/RT (LB/CU.IN)	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
										R=9200	
36.	300.0	-103.01	1.559	2.109	4.7260	1.782	15.873	8.735	.341	26.556	1.161
38.	300.0	-98.56	1.619	2.239	4.6267	1.899	15.706	8.057	.329	26.096	1.149
40.	300.0	-94.11	1.680	2.369	4.5274	2.017	15.539	7.379	.317	25.751	1.125
42.	300.0	-89.08	1.759	2.519	4.4141	2.137	15.395	6.862	.308	25.239	1.123
44.	300.0	-84.05	1.838	2.669	4.3009	2.257	15.252	6.345	.299	24.814	1.110
46.	300.0	-78.34	1.950	2.867	4.1631	2.381	15.102	5.919	.292	24.238	1.124
48.	300.0	-72.63	2.063	3.065	4.0254	2.505	14.952	5.492	.286	23.731	1.126
50.	300.0	-66.14	2.179	3.241	3.8560	2.635	14.775	5.125	.283	23.082	1.124
52.	300.0	-59.65	2.294	3.416	3.7066	2.766	14.599	4.758	.279	22.490	1.113
54.	300.0	-51.54	2.706	4.208	3.5074	2.915	14.337	4.416	.280	21.572	1.296
56.	300.0	-43.43	3.118	5.000	3.3082	3.065	14.076	4.073	.281	20.719	1.447
58.	300.0	-35.87	2.342	3.048	3.0971	3.197	13.847	3.782	.279	20.183	.833
60.	300.0	-23.43	3.819	5.975	2.8048	3.409	13.324	3.397	.291	18.667	1.523
62.	300.0	-10.05	4.783	7.608	2.5028	3.629	12.737	3.027	.307	17.150	1.808
64.	300.0	8.10	6.609	10.980	2.1606	3.918	11.838	2.607	.339	15.044	2.418
66.	300.0	33.67	8.025	13.948	1.9036	4.311	10.633	2.172	.406	12.165	2.850
68.	300.0	59.16	6.326	11.081	1.8433	4.692	9.820	1.882	.493	9.721	2.124
70.	300.0	78.10	4.829	8.204	1.8781	4.966	9.468	1.733	.563	8.273	1.502
72.	300.0	92.83	4.015	6.667	1.9210	5.174	9.257	1.650	.617	7.346	1.189
74.	300.0	105.13	3.511	5.725	1.9647	5.343	9.108	1.604	.659	6.687	1.008
76.	300.0	114.21	3.359	5.460	2.0218	5.505	8.794	1.629	.693	6.191	1.012
78.	300.0	123.48	3.143	5.075	2.0609	5.622	8.728	1.622	.718	5.821	.943
80.	300.0	132.75	2.927	4.690	2.0999	5.738	8.661	1.614	.743	5.483	.874
82.	300.0	142.02	2.711	4.306	2.1390	5.855	8.595	1.607	.769	5.174	.805
84.	300.0	151.30	2.494	3.921	2.1781	5.972	8.529	1.599	.794	4.891	.735
86.	300.0	158.58	2.431	3.822	2.2090	6.053	8.524	1.609	.807	4.697	.722
88.	300.0	165.86	2.367	3.723	2.2398	6.135	8.519	1.620	.821	4.515	.708
90.	300.0	173.14	2.304	3.623	2.2707	6.217	8.514	1.630	.834	4.343	.694
92.	300.0	180.43	2.240	3.524	2.3015	6.299	8.509	1.640	.848	4.181	.679
94.	300.0	187.71	2.177	3.425	2.3324	6.381	8.504	1.650	.861	4.028	.665
96.	300.0	194.28	2.141	3.375	2.3596	6.447	8.526	1.667	.870	3.906	.660
98.	300.0	200.84	2.105	3.325	2.3868	6.513	8.548	1.684	.878	3.790	.655
100.	300.0	207.41	2.070	3.275	2.4141	6.579	8.571	1.701	.886	3.679	.650
102.	300.0	213.98	2.034	3.225	2.4413	6.646	8.593	1.718	.895	3.573	.645
104.	300.0	220.80	1.995	3.158	2.4822	6.764	8.665	1.746	.908	3.455	.651
106.	300.0	226.88	1.977	3.148	2.5025	6.816	8.530	1.764	.912	3.375	.651
108.	300.0	232.97	1.959	3.138	2.5228	6.867	8.594	1.783	.916	3.298	.651
110.	300.0	239.05	1.941	3.128	2.5431	6.918	8.659	1.801	.920	3.224	.651
112.	300.0	245.13	1.923	3.118	2.5634	6.970	8.723	1.819	.924	3.152	.650
114.	300.0	251.21	1.904	3.107	2.5837	7.021	8.787	1.838	.928	3.084	.650
116.	300.0	257.30	1.886	3.097	2.6040	7.072	8.852	1.856	.932	3.018	.650
118.	300.0	263.38	1.868	3.087	2.6242	7.124	8.916	1.875	.936	2.954	.649
120.	300.0	269.46	1.850	3.077	2.6445	7.175	8.981	1.893	.940	2.892	.649
122.	300.0	275.54	1.832	3.067	2.6648	7.226	9.045	1.911	.944	2.833	.648
124.	300.0	281.63	1.814	3.057	2.6851	7.278	9.110	1.930	.948	2.775	.648
126.	300.0	287.71	1.795	3.047	2.7054	7.329	9.174	1.948	.952	2.719	.647
128.	300.0	293.79	1.777	3.037	2.7257	7.380	9.239	1.967	.956	2.666	.646
130.	300.0	299.87	1.759	3.026	2.7460	7.432	9.303	1.985	.960	2.614	.646
132.	300.0	305.95	1.741	3.016	2.7663	7.483	9.367	2.003	.964	2.563	.645
134.	300.0	312.04	1.723	3.006	2.7866	7.534	9.432	2.022	.968	2.515	.644
136.	300.0	318.12	1.704	2.996	2.8068	7.586	9.496	2.040	.972	2.467	.644
138.	300.0	324.32	1.694	3.011	2.8206	7.626	9.599	2.059	.973	2.428	.646
140.	300.0	330.51	1.684	3.026	2.8344	7.667	9.702	2.077	.974	2.390	.648
142.	300.0	336.71	1.674	3.041	2.8481	7.708	9.805	2.096	.976	2.353	.650
144.	300.0	342.91	1.664	3.057	2.8619	7.748	9.908	2.115	.977	2.317	.652
146.	300.0	349.10	1.654	3.072	2.8756	7.789	10.011	2.133	.979	2.282	.655
148.	300.0	355.30	1.644	3.087	2.8894	7.830	10.114	2.152	.980	2.248	.657
150.	300.0	361.50	1.634	3.102	2.9032	7.871	10.217	2.171	.981	2.215	.659

152.	300.0	367.69	1.624	3.117	2.3159	7.911	10.320	2.189	.983	2.183	.661
154.	300.0	373.89	1.614	3.132	2.9307	7.952	10.423	2.208	.984	2.152	.663
156.	300.0	380.08	1.604	3.147	2.9444	7.993	10.526	2.226	.985	2.121	.666
158.	300.0	386.28	1.594	3.163	2.9582	8.033	10.629	2.245	.987	2.091	.668
160.	300.0	392.48	1.584	3.178	2.9719	8.074	10.732	2.264	.988	2.062	.670
162.	300.0	398.67	1.574	3.193	2.9857	8.115	10.835	2.282	.990	2.034	.673
164.	300.0	404.87	1.564	3.208	2.9995	8.155	10.938	2.301	.991	2.006	.675
166.	300.0	411.06	1.554	3.223	3.0132	8.196	11.041	2.320	.992	1.979	.677
168.	300.0	417.26	1.544	3.238	3.0270	8.237	11.144	2.338	.994	1.953	.679
170.	300.0	424.10	1.537	3.258	3.0388	8.275	11.270	2.356	.994	1.929	.681
172.	300.0	430.94	1.530	3.277	3.0505	8.312	11.395	2.374	.995	1.905	.683
174.	300.0	437.78	1.524	3.297	3.0623	8.350	11.520	2.391	.996	1.882	.684
176.	300.0	444.62	1.517	3.316	3.0741	8.388	11.645	2.409	.997	1.859	.686
178.	300.0	451.47	1.510	3.336	3.0859	8.426	11.770	2.426	.997	1.837	.688
180.	300.0	458.31	1.504	3.355	3.0977	8.463	11.895	2.444	.998	1.815	.689
185.	300.0	475.41	1.487	3.404	3.1271	8.558	12.208	2.488	1.000	1.763	.694
190.	300.0	492.51	1.470	3.453	3.1566	8.652	12.521	2.532	1.001	1.714	.698
195.	300.0	509.61	1.453	3.501	3.1860	8.746	12.834	2.576	1.003	1.667	.703
200.	300.0	525.12	1.431	3.587	3.2153	8.854	13.293	2.624	1.005	1.622	.708
205.	300.0	544.34	1.426	3.608	3.2469	8.932	13.569	2.664	1.006	1.581	.708
210.	300.0	563.56	1.422	3.628	3.2784	9.010	13.844	2.704	1.006	1.543	.709
215.	300.0	582.78	1.417	3.649	3.3100	9.088	14.120	2.745	1.007	1.506	.709
220.	300.0	602.00	1.413	3.669	3.3416	9.166	14.396	2.785	1.007	1.471	.710
225.	300.0	621.21	1.408	3.690	3.3732	9.244	14.672	2.825	1.008	1.438	.711
230.	300.0	640.43	1.404	3.711	3.4047	9.322	14.948	2.866	1.008	1.406	.711
235.	300.0	659.65	1.399	3.731	3.4363	9.400	15.224	2.906	1.009	1.376	.712
240.	300.0	678.87	1.395	3.752	3.4679	9.478	15.500	2.946	1.009	1.346	.713
245.	300.0	698.09	1.391	3.773	3.4995	9.556	15.776	2.986	1.010	1.318	.714
250.	300.0	717.31	1.386	3.793	3.5310	9.634	16.051	3.027	1.010	1.291	.715
255.	300.0	736.53	1.382	3.814	3.5626	9.712	16.327	3.067	1.011	1.265	.716
260.	300.0	755.75	1.377	3.835	3.5942	9.790	16.603	3.107	1.011	1.240	.718
265.	300.0	774.97	1.373	3.855	3.6258	9.868	16.879	3.148	1.012	1.217	.719
270.	300.0	794.19	1.368	3.875	3.6573	9.946	17.155	3.188	1.012	1.193	.720
275.	300.0	813.40	1.364	3.897	3.6889	10.024	17.431	3.228	1.012	1.171	.722
280.	300.0	832.62	1.359	3.917	3.7205	10.102	17.707	3.268	1.013	1.150	.723
285.	300.0	851.84	1.355	3.938	3.7521	10.180	17.982	3.309	1.013	1.129	.725
290.	300.0	871.06	1.350	3.959	3.7836	10.259	18.258	3.349	1.014	1.109	.726
295.	300.0	890.28	1.346	3.979	3.8152	10.337	18.534	3.389	1.014	1.090	.728
300.	300.0	909.50	1.341	4.000	3.8468	10.415	18.810	3.429	1.015	1.071	.729
305.	300.0	929.02	1.343	3.989	3.8778	10.470	18.952	3.466	1.015	1.054	.730
310.	300.0	948.54	1.344	3.978	3.9089	10.525	19.094	3.503	1.015	1.037	.730
315.	300.0	968.07	1.345	3.967	3.9399	10.580	19.235	3.539	1.015	1.020	.730
320.	300.0	987.59	1.346	3.956	3.9710	10.635	19.377	3.576	1.015	1.004	.730
325.	300.0	1007.11	1.347	3.945	4.0020	10.690	19.519	3.612	1.015	.989	.730
330.	300.0	1026.63	1.349	3.935	4.0331	10.745	19.661	3.649	1.015	.974	.730
335.	300.0	1046.16	1.350	3.924	4.0641	10.800	19.803	3.686	1.015	.959	.730
340.	300.0	1065.68	1.351	3.913	4.0951	10.856	19.944	3.722	1.015	.945	.730
345.	300.0	1085.20	1.352	3.902	4.1262	10.911	20.086	3.759	1.015	.932	.730
350.	300.0	1104.72	1.353	3.891	4.1572	10.966	20.228	3.795	1.015	.918	.730
355.	300.0	1124.25	1.355	3.880	4.1883	11.021	20.370	3.832	1.014	.905	.730
360.	300.0	1143.77	1.356	3.870	4.2193	11.076	20.511	3.869	1.014	.893	.730
365.	300.0	1163.29	1.357	3.859	4.2504	11.131	20.653	3.905	1.014	.881	.730
370.	300.0	1182.81	1.358	3.848	4.2814	11.186	20.795	3.942	1.014	.869	.729
375.	300.0	1202.34	1.359	3.837	4.3125	11.241	20.937	3.978	1.014	.857	.729
380.	300.0	1221.86	1.361	3.826	4.3435	11.297	21.079	4.015	1.014	.846	.729
385.	300.0	1241.38	1.362	3.815	4.3745	11.352	21.220	4.052	1.014	.835	.728
390.	300.0	1260.90	1.363	3.804	4.4056	11.407	21.362	4.088	1.014	.824	.728
395.	300.0	1280.43	1.364	3.794	4.4366	11.462	21.504	4.125	1.014	.814	.728
400.	300.0	1301.96	1.368	3.760	4.4818	11.569	21.876	4.171	1.014	.804	.717
420.	300.0	1373.76	1.370	3.737	4.5837	11.709	22.472	4.293	1.014	.766	.714
440.	300.0	1445.56	1.373	3.715	4.6857	11.849	23.068	4.416	1.014	.731	.711
460.	300.0	1517.36	1.375	3.692	4.7877	11.988	23.663	4.536	1.014	.699	.708

480.	300.0	1589.15	1.377	3.670	4.8897	12.128	24.259	4.660	1.013	.670	.705
500.	300.0	1660.96	1.380	3.647	4.3917	12.268	24.855	4.783	1.013	.644	.702
520.	300.0	1732.76	1.382	3.625	5.0937	12.407	25.450	4.905	1.013	.619	.699
540.	300.0	1804.56	1.385	3.602	5.1957	12.547	26.046	5.027	1.012	.596	.695
560.	300.0	1876.35	1.387	3.579	5.2977	12.687	26.642	5.150	1.012	.575	.692
580.	300.0	1948.15	1.389	3.557	5.3995	12.826	27.237	5.272	1.012	.556	.688
600.	300.0	2019.95	1.392	3.534	5.5016	12.966	27.833	5.394	1.011	.537	.685
620.	300.0	2091.75	1.394	3.512	5.6036	13.105	28.429	5.517	1.011	.520	.681
640.	300.0	2163.55	1.397	3.489	5.7056	13.245	29.024	5.639	1.011	.504	.678
660.	300.0	2234.11	1.398	3.478	5.7961	13.359	29.637	5.755	1.011	.489	.675
680.	300.0	2303.43	1.398	3.478	5.8750	13.447	30.266	5.863	1.010	.475	.674
700.	300.0	2372.75	1.398	3.478	5.9540	13.534	30.895	5.972	1.010	.461	.672
720.	300.0	2442.08	1.398	3.478	6.0329	13.622	31.523	6.080	1.010	.448	.671
740.	300.0	2511.40	1.397	3.478	6.1119	13.710	32.152	6.189	1.010	.436	.669
760.	300.0	2580.72	1.397	3.478	6.1908	13.798	32.781	6.297	1.010	.425	.668
780.	300.0	2650.04	1.397	3.478	6.2693	13.886	33.410	6.406	1.009	.414	.667
800.	300.0	2719.36	1.397	3.478	6.3488	13.973	34.039	6.515	1.009	.404	.666
820.	300.0	2788.69	1.397	3.478	6.4277	14.061	34.668	6.623	1.009	.394	.664
840.	300.0	2858.01	1.397	3.478	6.5067	14.149	35.297	6.732	1.009	.385	.663
860.	300.0	2927.33	1.397	3.478	6.5856	14.237	35.926	6.840	1.009	.376	.662
880.	300.0	2996.65	1.397	3.478	6.6646	14.325	36.555	6.949	1.008	.367	.661
900.	300.0	3065.97	1.397	3.478	6.7435	14.412	37.184	7.057	1.008	.359	.660
920.	300.0	3135.54	1.397	3.478	6.8125	14.480	37.877	7.161	1.008	.352	.658
940.	300.0	3205.10	1.397	3.478	6.8815	14.548	38.570	7.265	1.008	.344	.655
960.	300.0	3274.66	1.396	3.477	6.9505	14.616	39.264	7.370	1.008	.337	.653
980.	300.0	3344.22	1.396	3.477	7.0195	14.684	39.957	7.474	1.008	.330	.650
1000.	300.0	3413.78	1.396	3.477	7.0885	14.752	40.650	7.578	1.007	.324	.648
1050.	300.0	3587.68	1.396	3.476	7.2610	14.921	42.383	7.838	1.007	.308	.643
1100.	300.0	3761.58	1.396	3.476	7.4335	15.091	44.117	8.098	1.007	.294	.638
1150.	300.0	3935.49	1.396	3.475	7.6060	15.261	45.850	8.358	1.006	.282	.634
1200.	300.0	4110.00	1.395	3.482	7.7570	15.397	46.856	8.636	1.006	.270	.642
1250.	300.0	4284.51	1.394	3.489	7.9080	15.533	47.862	8.914	1.006	.259	.650
1300.	300.0	4459.02	1.393	3.495	8.0589	15.670	48.867	9.192	1.006	.249	.658
1350.	300.0	4633.53	1.392	3.502	8.2099	15.806	49.873	9.470	1.005	.240	.665
1400.	300.0	4808.04	1.391	3.505	8.3716	15.954	50.313	9.775	1.005	.232	.681
1450.	300.0	4983.58	1.389	3.515	8.5011	16.060	51.738	10.018	1.005	.224	.681
1500.	300.0	5161.32	1.388	3.525	8.6306	16.166	53.164	10.257	1.005	.216	.680
1550.	300.0	5339.05	1.386	3.536	8.7602	16.272	54.589	10.496	1.005	.209	.680
1600.	300.0	5516.80	1.385	3.546	8.8897	16.379	56.014	10.735	1.005	.203	.680
1650.	300.0	5694.54	1.383	3.556	9.0192	16.485	57.439	10.973	1.004	.197	.679
1700.	300.0	5872.28	1.382	3.566	9.1487	16.591	58.865	11.212	1.004	.191	.679
1750.	300.0	6050.02	1.380	3.577	9.2783	16.697	60.290	11.451	1.004	.186	.679
1800.	300.0	6227.76	1.379	3.587	9.4078	16.804	61.715	11.690	1.004	.180	.679
1850.	300.0	6405.50	1.377	3.597	9.5373	16.910	63.140	11.929	1.004	.176	.680
1900.	300.0	6583.24	1.376	3.607	9.6668	17.016	64.566	12.167	1.004	.171	.680
1950.	300.0	6760.98	1.374	3.618	9.7964	17.122	65.991	12.406	1.004	.167	.680
2000.	300.0	6938.72	1.373	3.628	9.9259	17.229	67.416	12.645	1.003	.162	.680
2050.	300.0	7124.29	1.371	3.642	10.0322	17.309	68.933	12.867	1.003	.159	.680
2100.	300.0	7309.85	1.369	3.657	10.1386	17.389	70.451	13.089	1.003	.155	.679
2150.	300.0	7495.42	1.367	3.671	10.2449	17.469	71.968	13.311	1.003	.151	.679
2200.	300.0	7680.98	1.365	3.686	10.3513	17.549	73.485	13.533	1.003	.148	.679
2250.	300.0	7866.55	1.363	3.701	10.4575	17.629	75.002	13.755	1.003	.144	.679
2300.	300.0	8052.11	1.361	3.715	10.5640	17.709	76.520	13.977	1.003	.141	.679
2350.	300.0	8237.68	1.359	3.730	10.6704	17.789	78.037	14.200	1.003	.138	.679
2400.	300.0	8423.24	1.357	3.744	10.7767	17.869	79.554	14.422	1.003	.135	.679
2450.	300.0	8608.81	1.355	3.759	10.8831	17.950	81.071	14.644	1.003	.133	.679
2500.	300.0	8794.37	1.353	3.773	10.9894	18.030	82.589	14.866	1.003	.130	.679
2550.	300.0	8979.94	1.351	3.788	11.0958	18.110	84.106	15.088	1.003	.128	.679
2600.	300.0	9165.50	1.349	3.802	11.2021	18.190	85.623	15.310	1.003	.125	.680
2650.	300.0	9359.67	1.348	3.817	11.2957	18.257	87.195	15.522	1.003	.123	.679
2700.	300.0	9553.83	1.346	3.831	11.3893	18.324	88.768	15.734	1.002	.120	.679
2750.	300.0	9748.00	1.344	3.845	11.4829	18.391	90.340	15.946	1.002	.118	.679

2800.	300.0	9942.17	1.343	3.860	11.5765	18.453	91.912	16.158	1.002	.116	.679
2850.	300.0	10136.33	1.341	3.874	11.6700	18.525	93.484	16.370	1.002	.114	.678
2900.	300.0	10330.50	1.339	3.889	11.7635	18.592	95.057	16.581	1.002	.112	.678
2950.	300.0	10524.67	1.338	3.903	11.8572	18.659	96.629	16.793	1.002	.110	.678
3000.	300.0	10718.83	1.336	3.918	11.9508	18.726	98.201	17.005	1.002	.108	.678
3050.	300.0	10913.00	1.334	3.932	12.0444	18.794	99.773	17.217	1.002	.107	.679
3100.	300.0	11107.17	1.333	3.946	12.1380	18.861	101.346	17.429	1.002	.105	.679
3150.	300.0	11301.33	1.331	3.961	12.2315	18.928	102.918	17.641	1.002	.103	.679
3200.	300.0	11495.50	1.329	3.975	12.3251	18.995	104.490	17.853	1.002	.102	.679
3250.	300.0	11700.52	1.327	3.997	12.4070	19.053	106.489	18.057	1.002	.100	.678
3300.	300.0	11905.54	1.326	4.019	12.4889	19.111	108.488	18.261	1.002	.099	.676
3350.	300.0	12110.56	1.324	4.040	12.5708	19.170	110.487	18.465	1.002	.097	.675
3400.	300.0	12315.58	1.322	4.062	12.6527	19.228	112.486	18.669	1.002	.096	.674
3450.	300.0	12520.60	1.320	4.084	12.7346	19.286	114.485	18.873	1.002	.094	.673
3500.	300.0	12725.63	1.318	4.105	12.8165	19.344	116.484	19.077	1.002	.093	.672
3550.	300.0	12930.65	1.316	4.127	12.8984	19.403	118.483	19.281	1.002	.092	.672
3600.	300.0	13135.67	1.314	4.149	12.9803	19.461	120.482	19.485	1.002	.090	.671
3650.	300.0	13340.69	1.313	4.170	13.0622	19.519	122.482	19.689	1.002	.089	.670
3700.	300.0	13545.71	1.311	4.192	13.1441	19.577	124.481	19.893	1.002	.088	.670
3750.	300.0	13750.73	1.309	4.214	13.2260	19.636	126.480	20.097	1.002	.087	.670
3800.	300.0	13956.25	1.307	4.234	13.3079	19.694	128.480	20.300	1.002	.086	.669
3850.	300.0	14174.56	1.305	4.272	13.3782	19.723	131.375	20.499	1.002	.085	.667
3900.	300.0	14392.88	1.302	4.311	13.4507	19.778	134.359	20.699	1.002	.083	.664
3950.	300.0	14611.19	1.300	4.350	13.5232	19.833	137.344	20.898	1.002	.082	.662
4000.	300.0	14829.50	1.297	4.389	13.5957	19.888	140.329	21.098	1.002	.081	.660
4050.	300.0	15047.81	1.295	4.427	13.6682	19.942	143.313	21.297	1.002	.080	.658
4100.	300.0	15266.13	1.292	4.466	13.7407	19.997	146.298	21.497	1.003	.079	.656
4150.	300.0	15484.44	1.290	4.505	13.8132	20.052	149.283	21.696	1.003	.078	.655
4200.	300.0	15702.75	1.288	4.544	13.8857	20.107	152.267	21.896	1.003	.077	.653
4250.	300.0	15942.06	1.285	4.613	13.9502	20.161	157.107	22.092	1.003	.076	.649
4300.	300.0	16181.38	1.282	4.682	14.0147	20.216	161.946	22.289	1.003	.076	.644
4350.	300.0	16420.69	1.279	4.751	14.0792	20.270	166.786	22.486	1.004	.075	.641
4400.	300.0	16660.00	1.276	4.820	14.1437	20.325	171.625	22.682	1.004	.074	.637
4450.	300.0	16899.31	1.273	4.889	14.2082	20.379	176.464	22.879	1.004	.073	.634
4500.	300.0	17138.63	1.270	4.958	14.2727	20.434	181.304	23.076	1.004	.072	.631
4550.	300.0	17377.94	1.267	5.027	14.3372	20.488	186.143	23.272	1.005	.071	.629
4600.	300.0	17617.25	1.264	5.097	14.4017	20.543	190.982	23.469	1.005	.071	.626
4650.	300.0	17895.53	1.261	5.215	14.4662	20.601	199.118	23.664	1.006	.070	.620
4700.	300.0	18173.81	1.258	5.333	14.5233	20.658	207.253	23.860	1.006	.069	.614
4750.	300.0	18452.09	1.255	5.451	14.5841	20.716	215.388	24.055	1.007	.068	.609
4800.	300.0	18730.38	1.252	5.569	14.6449	20.774	223.524	24.251	1.007	.067	.604
4850.	300.0	19008.66	1.249	5.687	14.7057	20.832	231.659	24.446	1.008	.067	.600
4900.	300.0	19286.94	1.245	5.805	14.7664	20.890	239.794	24.641	1.009	.066	.597
4950.	300.0	19565.22	1.243	5.923	14.8272	20.948	247.930	24.837	1.009	.065	.593
5000.	300.0	19843.50	1.240	6.041	14.8880	21.006	256.065	25.032	1.010	.065	.591

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	350.0	-101.52	1.546	2.088	4.7857	1.768	15.973	8.925	.396	26.707	1.167
38.	350.0	-97.11	1.603	2.213	4.6897	1.684	15.802	8.234	.381	26.258	1.153
40.	350.0	-92.71	1.659	2.338	4.5935	2.000	15.630	7.544	.367	25.926	1.129
42.	350.0	-87.75	1.734	2.481	4.4842	2.113	15.487	7.021	.356	25.431	1.125
44.	350.0	-82.80	1.808	2.624	4.3747	2.236	15.343	6.498	.346	25.024	1.111
46.	350.0	-77.21	1.908	2.802	4.2457	2.358	15.200	6.070	.338	24.475	1.119
48.	350.0	-71.63	2.008	2.980	4.1166	2.479	15.056	5.641	.330	23.996	1.117
50.	350.0	-65.30	2.125	3.171	3.9671	2.606	14.891	5.276	.325	23.376	1.123
52.	350.0	-58.96	2.243	3.362	3.8175	2.733	14.726	4.910	.321	22.813	1.121
54.	350.0	-51.41	2.511	3.851	3.6385	2.873	14.502	4.578	.320	22.027	1.216
56.	350.0	-43.86	2.779	4.341	3.4594	3.012	14.278	4.247	.319	21.297	1.291
58.	350.0	-35.75	2.605	3.777	3.2585	3.153	14.027	3.949	.319	20.555	1.063
60.	350.0	-27.64	2.432	3.212	3.0575	3.294	13.777	3.651	.319	19.862	.851
62.	350.0	-14.83	3.815	5.991	2.8000	3.503	13.256	3.309	.336	18.284	1.496
64.	350.0	-1.74	4.530	7.229	2.5397	3.711	12.710	2.981	.353	16.863	1.696
66.	350.0	14.46	5.513	9.032	2.2846	3.960	11.981	2.643	.382	15.092	1.992
68.	350.0	33.95	6.121	10.311	2.0807	4.251	11.130	2.324	.429	13.032	2.153
70.	350.0	54.38	5.729	9.770	1.9946	4.548	10.429	2.080	.490	11.092	1.948
72.	350.0	72.39	4.880	8.228	1.9867	4.802	10.016	1.922	.549	9.628	1.579
74.	350.0	87.50	4.188	6.949	2.0071	5.009	9.781	1.820	.599	8.581	1.293
76.	350.0	100.44	3.698	6.050	2.0387	5.182	9.631	1.754	.641	7.807	1.102
78.	350.0	109.08	3.592	5.865	2.0776	5.310	9.477	1.757	.667	7.308	1.087
80.	350.0	119.77	3.292	5.331	2.1138	5.445	9.380	1.730	.698	6.809	.983
82.	350.0	130.46	2.992	4.797	2.1500	5.580	9.282	1.703	.729	6.360	.880
84.	350.0	141.15	2.693	4.264	2.1862	5.715	9.185	1.676	.761	5.955	.778
86.	350.0	148.92	2.612	4.135	2.2171	5.802	9.175	1.681	.776	5.698	.758
88.	350.0	156.68	2.531	4.007	2.2480	5.889	9.166	1.686	.792	5.457	.737
90.	350.0	164.45	2.450	3.878	2.2788	5.976	9.156	1.690	.808	5.232	.716
92.	350.0	172.22	2.369	3.749	2.3097	6.063	9.146	1.695	.824	5.020	.695
94.	350.0	179.99	2.288	3.621	2.3406	6.150	9.137	1.700	.840	4.820	.674
96.	350.0	186.88	2.243	3.557	2.3682	6.220	9.150	1.714	.849	4.665	.666
98.	350.0	193.77	2.199	3.493	2.3959	6.289	9.163	1.728	.859	4.518	.659
100.	350.0	200.66	2.155	3.429	2.4235	6.359	9.176	1.742	.869	4.377	.651
102.	350.0	207.55	2.111	3.365	2.4511	6.428	9.189	1.757	.879	4.243	.643
104.	350.0	214.86	2.064	3.282	2.5013	6.587	8.920	1.794	.895	4.085	.660
106.	350.0	221.11	2.043	3.267	2.5214	6.640	8.981	1.811	.900	3.988	.659
108.	350.0	227.35	2.022	3.252	2.5414	6.693	9.043	1.828	.905	3.894	.657
110.	350.0	233.60	2.001	3.237	2.5614	6.745	9.105	1.844	.909	3.804	.656
112.	350.0	239.84	1.980	3.222	2.5815	6.798	9.166	1.861	.914	3.717	.654
114.	350.0	246.09	1.959	3.207	2.6015	6.851	9.228	1.878	.918	3.634	.653
116.	350.0	252.33	1.937	3.192	2.6216	6.903	9.290	1.895	.923	3.554	.651
118.	350.0	258.58	1.916	3.177	2.6416	6.956	9.351	1.912	.927	3.476	.650
120.	350.0	264.82	1.895	3.162	2.6616	7.009	9.413	1.928	.932	3.401	.648
122.	350.0	271.07	1.874	3.147	2.6817	7.062	9.475	1.945	.937	3.329	.646
124.	350.0	277.32	1.853	3.132	2.7017	7.114	9.536	1.962	.941	3.259	.644
126.	350.0	283.56	1.832	3.117	2.7217	7.167	9.598	1.979	.946	3.192	.643
128.	350.0	289.81	1.811	3.102	2.7418	7.220	9.660	1.996	.950	3.127	.641
130.	350.0	296.05	1.790	3.087	2.7618	7.272	9.721	2.013	.955	3.064	.639
132.	350.0	302.30	1.769	3.072	2.7819	7.325	9.783	2.029	.960	3.003	.637
134.	350.0	308.54	1.748	3.057	2.8019	7.378	9.845	2.046	.964	2.944	.635
136.	350.0	314.79	1.727	3.043	2.8219	7.431	9.906	2.063	.969	2.887	.634
138.	350.0	321.05	1.716	3.056	2.8356	7.472	10.006	2.081	.970	2.841	.636
140.	350.0	327.32	1.705	3.070	2.8493	7.513	10.106	2.100	.972	2.796	.638
142.	350.0	333.58	1.695	3.084	2.8630	7.554	10.206	2.116	.973	2.752	.640
144.	350.0	339.85	1.684	3.098	2.8767	7.595	10.306	2.136	.975	2.710	.642
145.	350.0	346.12	1.673	3.112	2.8904	7.636	10.406	2.154	.977	2.668	.644
143.	350.0	352.38	1.662	3.126	2.9041	7.677	10.506	2.173	.978	2.628	.647
150.	350.0	358.65	1.652	3.140	2.9178	7.719	10.606	2.191	.980	2.589	.649

152.	350.0	364.91	1.641	3.154	2.9315	7.760	10.706	2.209	.981	2.551	.651
154.	350.0	371.18	1.630	3.168	2.9452	7.801	10.806	2.227	.983	2.514	.653
156.	350.0	377.44	1.620	3.182	2.9589	7.842	10.906	2.246	.984	2.477	.655
158.	350.0	383.71	1.609	3.196	2.9726	7.883	11.006	2.264	.986	2.442	.657
160.	350.0	389.97	1.598	3.210	2.9863	7.924	11.106	2.282	.988	2.408	.660
162.	350.0	396.24	1.588	3.224	3.0000	7.966	11.206	2.300	.989	2.374	.662
164.	350.0	402.50	1.577	3.238	3.0137	8.007	11.306	2.319	.991	2.342	.664
166.	350.0	408.77	1.566	3.252	3.0274	8.048	11.406	2.337	.992	2.310	.666
168.	350.0	415.03	1.556	3.266	3.0411	8.089	11.506	2.355	.994	2.279	.669
170.	350.0	421.29	1.548	3.285	3.0528	8.127	11.628	2.373	.995	2.250	.670
172.	350.0	428.81	1.541	3.304	3.0645	8.165	11.751	2.390	.995	2.222	.672
174.	350.0	435.69	1.534	3.323	3.0763	8.203	11.873	2.407	.996	2.195	.674
176.	350.0	442.58	1.527	3.342	3.0880	8.241	11.996	2.425	.997	2.168	.676
178.	350.0	449.46	1.520	3.361	3.0997	8.279	12.118	2.442	.998	2.142	.677
180.	350.0	456.35	1.513	3.380	3.1115	8.317	12.241	2.460	.998	2.117	.679
185.	350.0	473.56	1.495	3.427	3.1438	8.412	12.547	2.503	1.000	2.055	.684
190.	350.0	490.77	1.478	3.475	3.1701	8.507	12.853	2.547	1.002	1.997	.689
195.	350.0	507.99	1.460	3.522	3.1995	8.602	13.160	2.590	1.004	1.942	.693
200.	350.0	523.65	1.437	3.606	3.2286	8.710	13.612	2.638	1.007	1.889	.699
205.	350.0	542.93	1.432	3.626	3.2602	8.788	13.882	2.678	1.007	1.842	.699
210.	350.0	562.21	1.427	3.646	3.2917	8.866	14.152	2.718	1.008	1.797	.700
215.	350.0	581.49	1.423	3.666	3.3233	8.945	14.422	2.757	1.008	1.755	.701
220.	350.0	600.77	1.418	3.686	3.3548	9.023	14.692	2.797	1.009	1.714	.702
225.	350.0	620.05	1.413	3.706	3.3864	9.101	14.962	2.837	1.010	1.675	.703
230.	350.0	639.33	1.409	3.726	3.4179	9.180	15.232	2.877	1.010	1.638	.704
235.	350.0	658.61	1.404	3.746	3.4495	9.258	15.502	2.917	1.011	1.602	.705
240.	350.0	677.89	1.399	3.766	3.4810	9.336	15.772	2.957	1.011	1.568	.706
245.	350.0	697.17	1.395	3.786	3.5126	9.415	16.042	2.996	1.012	1.535	.707
250.	350.0	716.45	1.390	3.806	3.5441	9.493	16.312	3.036	1.012	1.504	.708
255.	350.0	735.73	1.385	3.826	3.5757	9.571	16.582	3.076	1.013	1.473	.710
260.	350.0	755.01	1.381	3.846	3.6072	9.649	16.852	3.116	1.013	1.444	.711
265.	350.0	774.29	1.376	3.866	3.6388	9.728	17.122	3.156	1.014	1.416	.713
270.	350.0	793.57	1.371	3.886	3.6703	9.806	17.392	3.196	1.014	1.389	.714
275.	350.0	812.85	1.367	3.906	3.7019	9.884	17.662	3.235	1.015	1.363	.716
280.	350.0	832.13	1.362	3.926	3.7334	9.963	17.932	3.275	1.015	1.338	.717
285.	350.0	851.41	1.357	3.946	3.7650	10.041	18.202	3.315	1.016	1.314	.719
290.	350.0	870.69	1.352	3.966	3.7965	10.119	18.472	3.355	1.016	1.291	.720
295.	350.0	889.97	1.348	3.986	3.8281	10.198	18.742	3.395	1.017	1.268	.722
300.	350.0	909.25	1.343	4.005	3.8596	10.276	19.012	3.434	1.017	1.246	.724
305.	350.0	928.80	1.344	3.995	3.8907	10.331	19.150	3.471	1.017	1.226	.724
310.	350.0	948.34	1.345	3.984	3.9217	10.386	19.288	3.507	1.017	1.206	.725
315.	350.0	967.89	1.347	3.973	3.9527	10.442	19.426	3.544	1.017	1.187	.725
320.	350.0	987.43	1.348	3.962	3.9838	10.497	19.564	3.580	1.017	1.169	.725
325.	350.0	1006.98	1.349	3.951	4.0148	10.552	19.702	3.617	1.017	1.151	.725
330.	350.0	1026.53	1.350	3.940	4.0458	10.607	19.840	3.653	1.017	1.133	.726
335.	350.0	1046.07	1.351	3.929	4.0769	10.662	19.978	3.690	1.017	1.117	.726
340.	350.0	1065.62	1.352	3.918	4.1079	10.717	20.116	3.726	1.017	1.100	.726
345.	350.0	1085.17	1.354	3.907	4.1389	10.773	20.254	3.763	1.017	1.084	.726
350.	350.0	1104.71	1.355	3.896	4.1700	10.828	20.392	3.799	1.017	1.069	.726
355.	350.0	1124.26	1.356	3.885	4.2010	10.883	20.529	3.836	1.017	1.054	.726
360.	350.0	1143.80	1.357	3.874	4.2320	10.938	20.667	3.872	1.017	1.039	.726
365.	350.0	1163.35	1.358	3.863	4.2631	10.993	20.805	3.908	1.017	1.025	.726
370.	350.0	1182.90	1.359	3.852	4.2941	11.048	20.943	3.945	1.017	1.011	.726
375.	350.0	1202.44	1.361	3.841	4.3251	11.104	21.081	3.981	1.017	.998	.725
380.	350.0	1221.99	1.362	3.830	4.3562	11.159	21.219	4.018	1.017	.985	.725
385.	350.0	1241.54	1.363	3.819	4.3872	11.214	21.357	4.054	1.017	.972	.725
390.	350.0	1261.08	1.364	3.808	4.4182	11.269	21.495	4.091	1.017	.959	.725
395.	350.0	1280.63	1.365	3.797	4.4493	11.324	21.633	4.127	1.017	.947	.724
400.	350.0	1302.24	1.369	3.763	4.4948	11.469	22.012	4.174	1.017	.935	.714
420.	350.0	1374.09	1.371	3.741	4.5966	11.608	22.602	4.296	1.017	.891	.711
440.	350.0	1445.94	1.373	3.718	4.6985	11.748	23.192	4.418	1.016	.851	.708
460.	350.0	1517.78	1.376	3.695	4.8003	11.888	23.782	4.541	1.016	.814	.706

480.	350.0	1589.63	1.378	3.672	4.9021	12.028	24.372	4.663	1.015	.780	.703
500.	350.0	1661.48	1.380	3.650	5.0039	12.167	24.961	4.785	1.015	.750	.700
520.	350.0	1733.32	1.383	3.627	5.1057	12.307	25.551	4.907	1.015	.721	.697
540.	350.0	1805.17	1.385	3.604	5.2075	12.447	26.141	5.029	1.014	.694	.693
560.	350.0	1877.02	1.388	3.581	5.3093	12.587	26.731	5.152	1.014	.670	.690
580.	350.0	1948.86	1.390	3.559	5.4111	12.726	27.321	5.274	1.014	.647	.687
600.	350.0	2020.71	1.392	3.535	5.5129	12.866	27.911	5.396	1.013	.626	.684
620.	350.0	2092.56	1.395	3.513	5.6147	13.006	28.501	5.518	1.013	.606	.680
640.	350.0	2164.40	1.397	3.490	5.7165	13.145	29.091	5.641	1.013	.587	.677
660.	350.0	2234.99	1.398	3.479	5.8063	13.259	29.700	5.756	1.012	.569	.674
680.	350.0	2304.33	1.398	3.479	5.8855	13.347	30.327	5.864	1.012	.553	.673
700.	350.0	2373.67	1.398	3.479	5.9645	13.435	30.954	5.973	1.012	.537	.671
720.	350.0	2443.01	1.398	3.479	6.0433	13.523	31.581	6.082	1.012	.522	.670
740.	350.0	2512.35	1.398	3.479	6.1221	13.611	32.208	6.190	1.011	.508	.669
760.	350.0	2581.69	1.397	3.479	6.2009	13.698	32.835	6.299	1.011	.495	.667
780.	350.0	2651.03	1.397	3.479	6.2797	13.786	33.462	6.407	1.011	.482	.666
800.	350.0	2720.37	1.397	3.479	6.3585	13.874	34.089	6.516	1.011	.471	.665
820.	350.0	2789.71	1.397	3.479	6.4374	13.962	34.716	6.624	1.010	.459	.664
840.	350.0	2859.05	1.397	3.479	6.5162	14.050	35.343	6.733	1.010	.448	.663
860.	350.0	2928.38	1.397	3.479	6.5950	14.137	35.970	6.841	1.010	.438	.662
880.	350.0	2997.72	1.397	3.479	6.6739	14.225	36.597	6.950	1.010	.428	.661
900.	350.0	3067.06	1.397	3.479	6.7527	14.313	37.224	7.058	1.009	.419	.660
920.	350.0	3136.33	1.397	3.478	6.8216	14.381	37.917	7.162	1.009	.410	.657
940.	350.0	3206.20	1.397	3.478	6.8905	14.449	38.609	7.266	1.009	.401	.655
960.	350.0	3275.77	1.396	3.478	6.9594	14.517	39.302	7.370	1.009	.393	.652
980.	350.0	3345.34	1.396	3.478	7.0283	14.585	39.994	7.474	1.009	.385	.650
1000.	350.0	3414.91	1.396	3.477	7.0972	14.652	40.687	7.578	1.009	.377	.648
1050.	350.0	3588.83	1.396	3.477	7.2695	14.822	42.419	7.839	1.008	.359	.642
1100.	350.0	3762.76	1.396	3.476	7.4418	14.992	44.150	8.099	1.008	.343	.638
1150.	350.0	3936.68	1.396	3.476	7.6141	15.161	45.881	8.359	1.008	.328	.633
1200.	350.0	4111.21	1.395	3.482	7.7864	15.298	46.882	8.637	1.007	.315	.642
1250.	350.0	4285.73	1.394	3.489	7.9155	15.434	47.882	8.915	1.007	.302	.650
1300.	350.0	4460.26	1.393	3.496	8.0663	15.571	48.882	9.193	1.007	.291	.657
1350.	350.0	4634.78	1.392	3.502	8.2173	15.707	49.882	9.471	1.006	.280	.665
1400.	350.0	4807.11	1.391	3.505	8.3785	15.855	50.913	9.779	1.006	.270	.681
1450.	350.0	4984.85	1.389	3.515	8.5079	15.961	51.738	10.018	1.006	.261	.681
1500.	350.0	5162.59	1.388	3.525	8.6373	16.067	53.164	10.257	1.006	.252	.680
1550.	350.0	5340.34	1.386	3.536	8.7667	16.173	54.589	10.496	1.006	.244	.680
1600.	350.0	5518.08	1.385	3.546	8.8961	16.280	56.014	10.735	1.005	.236	.680
1650.	350.0	5695.83	1.383	3.556	9.0255	16.386	57.439	10.973	1.005	.229	.679
1700.	350.0	5873.57	1.382	3.566	9.1549	16.492	58.865	11.212	1.005	.223	.679
1750.	350.0	6051.32	1.380	3.577	9.2843	16.598	60.290	11.451	1.005	.216	.679
1800.	350.0	6229.06	1.379	3.587	9.4137	16.705	61.715	11.690	1.005	.210	.679
1850.	350.0	6406.80	1.377	3.597	9.5431	16.811	63.141	11.929	1.005	.205	.680
1900.	350.0	6584.55	1.376	3.607	9.6725	16.917	64.566	12.167	1.004	.199	.680
1950.	350.0	6762.29	1.374	3.618	9.8019	17.023	65.991	12.406	1.004	.194	.680
2000.	350.0	6940.04	1.372	3.628	9.9313	17.130	67.416	12.645	1.004	.189	.680
2050.	350.0	7125.60	1.371	3.642	10.076	17.210	68.841	12.887	1.004	.185	.680
2100.	350.0	7311.16	1.369	3.657	10.1439	17.290	70.266	13.089	1.004	.180	.679
2150.	350.0	7496.73	1.367	3.671	10.2502	17.370	71.691	13.311	1.004	.176	.679
2200.	350.0	7682.29	1.365	3.686	10.3564	17.450	73.116	13.533	1.004	.172	.679
2250.	350.0	7867.86	1.363	3.701	10.4627	17.530	74.541	13.755	1.004	.168	.679
2300.	350.0	8053.42	1.361	3.715	10.5690	17.610	75.966	13.977	1.004	.165	.679
2350.	350.0	8238.98	1.359	3.730	10.6753	17.690	77.391	14.200	1.003	.161	.679
2400.	350.0	8424.55	1.357	3.744	10.7816	17.770	78.816	14.422	1.003	.158	.679
2450.	350.0	8610.11	1.355	3.759	10.8879	17.851	80.241	14.644	1.003	.155	.679
2500.	350.0	8795.67	1.353	3.773	10.9941	17.931	81.666	14.866	1.003	.152	.679
2550.	350.0	8981.24	1.351	3.788	11.1004	18.011	83.091	15.088	1.003	.149	.679
2600.	350.0	9166.80	1.349	3.802	11.2067	18.091	84.516	15.310	1.003	.146	.680
2650.	350.0	9360.96	1.348	3.817	11.3002	18.155	85.941	15.522	1.003	.143	.679
2700.	350.0	9555.12	1.346	3.831	11.3938	18.225	87.366	15.734	1.003	.140	.679
2750.	350.0	9749.29	1.344	3.845	11.4873	18.292	88.791	15.946	1.003	.138	.679

2800.	350.0	9943.45	1.343	3.860	11.5809	18.359	91.903	16.158	1.003	.135	.679
2850.	350.0	10137.61	1.341	3.874	11.5744	18.426	93.480	16.370	1.003	.133	.678
2900.	350.0	10331.77	1.339	3.889	11.7679	18.493	95.051	16.581	1.003	.131	.678
2950.	350.0	10525.94	1.338	3.903	11.8615	18.560	96.623	16.793	1.003	.129	.678
3000.	350.0	10720.10	1.336	3.917	11.9550	18.627	98.194	17.005	1.003	.126	.678
3050.	350.0	10914.26	1.334	3.932	12.0486	18.694	99.765	17.217	1.003	.124	.679
3100.	350.0	11108.42	1.333	3.946	12.1421	18.761	101.337	17.429	1.003	.122	.679
3150.	350.0	11302.59	1.331	3.961	12.2356	18.829	102.909	17.641	1.002	.120	.679
3200.	350.0	11496.75	1.329	3.975	12.3292	18.896	104.480	17.853	1.002	.119	.679
3250.	350.0	11701.66	1.327	3.996	12.4112	18.954	106.462	18.057	1.002	.117	.678
3300.	350.0	11906.56	1.326	4.017	12.4931	19.012	108.444	18.261	1.002	.115	.677
3350.	350.0	12111.47	1.324	4.039	12.5751	19.070	110.425	18.465	1.002	.113	.675
3400.	350.0	12316.37	1.322	4.060	12.6571	19.129	112.408	18.669	1.002	.112	.674
3450.	350.0	12521.28	1.320	4.081	12.7390	19.187	114.390	18.873	1.002	.110	.673
3500.	350.0	12726.19	1.318	4.103	12.8210	19.245	116.372	19.077	1.002	.108	.673
3550.	350.0	12931.09	1.316	4.124	12.9030	19.303	118.353	19.281	1.002	.107	.672
3600.	350.0	13136.00	1.315	4.145	12.9849	19.362	120.335	19.485	1.002	.105	.671
3650.	350.0	13340.91	1.312	4.167	13.0669	19.420	122.317	19.689	1.002	.104	.671
3700.	350.0	13545.81	1.311	4.188	13.1489	19.478	124.299	19.893	1.002	.103	.670
3750.	350.0	13750.72	1.309	4.209	13.2308	19.536	126.281	20.097	1.002	.101	.670
3800.	350.0	13955.38	1.307	4.226	13.3116	19.532	128.060	20.300	1.002	.100	.670
3850.	350.0	14173.03	1.305	4.263	13.3845	19.587	130.957	20.499	1.002	.099	.667
3900.	350.0	14390.69	1.303	4.300	13.4574	19.641	133.854	20.699	1.002	.097	.665
3950.	350.0	14608.34	1.300	4.337	13.5302	19.696	136.751	20.898	1.002	.096	.663
4000.	350.0	14826.00	1.298	4.374	13.6031	19.751	139.648	21.098	1.003	.095	.661
4050.	350.0	15043.66	1.296	4.411	13.6760	19.805	142.545	21.297	1.003	.094	.659
4100.	350.0	15261.31	1.293	4.448	13.7489	19.860	145.442	21.497	1.003	.093	.657
4150.	350.0	15478.97	1.291	4.485	13.8217	19.915	148.339	21.696	1.003	.091	.656
4200.	350.0	15696.63	1.289	4.522	13.8946	19.969	151.236	21.896	1.003	.090	.655
4250.	350.0	15934.22	1.286	4.588	13.9596	20.023	155.875	22.092	1.003	.089	.650
4300.	350.0	16171.81	1.282	4.653	14.0246	20.077	160.514	22.289	1.003	.088	.646
4350.	350.0	16409.41	1.280	4.719	14.0896	20.131	165.153	22.485	1.004	.087	.642
4400.	350.0	16647.00	1.277	4.784	14.1546	20.186	169.792	22.682	1.004	.086	.639
4450.	350.0	16884.59	1.274	4.850	14.2196	20.240	174.432	22.879	1.004	.085	.636
4500.	350.0	17122.19	1.271	4.915	14.2846	20.294	179.071	23.075	1.004	.084	.633
4550.	350.0	17359.73	1.268	4.981	14.3496	20.348	183.710	23.272	1.005	.083	.631
4600.	350.0	17597.33	1.265	5.046	14.4146	20.402	188.349	23.468	1.005	.082	.629
4650.	350.0	17871.80	1.263	5.157	14.4757	20.459	196.086	23.664	1.005	.081	.622
4700.	350.0	18146.22	1.260	5.269	14.5367	20.516	203.823	23.859	1.006	.080	.617
4750.	350.0	18420.64	1.257	5.380	14.5973	20.573	211.551	24.054	1.007	.080	.612
4800.	350.0	18695.06	1.254	5.491	14.6588	20.630	219.298	24.249	1.007	.079	.607
4850.	350.0	18969.48	1.251	5.603	14.7199	20.687	227.035	24.445	1.008	.078	.603
4900.	350.0	19243.91	1.248	5.714	14.7809	20.744	234.773	24.640	1.008	.077	.600
4950.	350.0	19518.33	1.245	5.826	14.8420	20.802	242.510	24.835	1.009	.076	.597
5000.	350.0	19792.75	1.242	5.937	14.9030	20.859	250.247	25.030	1.010	.075	.594

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	FRANZTL NUMBER R=9200
36.	400.0	-100.02	1.532	2.068	4.8455	1.753	15.074	9.114	.450	26.821	1.172
38.	400.0	-95.66	1.586	2.188	4.7526	1.868	15.898	8.412	.434	26.381	1.157
40.	400.0	-91.31	1.639	2.307	4.6598	1.983	15.722	7.710	.417	26.060	1.132
42.	400.0	-86.43	1.708	2.443	4.5542	2.100	15.578	7.181	.405	25.577	1.126
44.	400.0	-81.55	1.778	2.579	4.4486	2.216	15.435	6.651	.392	25.184	1.111
46.	400.0	-76.09	1.865	2.737	4.3282	2.335	15.298	6.221	.383	24.656	1.113
48.	400.0	-70.63	1.953	2.894	4.2078	2.454	15.161	5.790	.374	24.199	1.105
50.	400.0	-64.45	2.072	3.101	4.0681	2.577	15.007	5.426	.368	23.601	1.121
52.	400.0	-58.28	2.191	3.308	3.9285	2.701	14.854	5.061	.363	23.061	1.127
54.	400.0	-51.28	2.315	3.495	3.7696	2.831	14.667	4.741	.360	22.381	1.130
56.	400.0	-44.28	2.440	3.682	3.6107	2.960	14.480	4.420	.357	21.752	1.124
58.	400.0	-35.63	2.869	4.505	3.4198	3.110	14.207	4.116	.360	20.843	1.305
60.	400.0	-26.98	3.298	5.328	3.2290	3.259	13.935	3.812	.362	19.997	1.457
62.	400.0	-16.93	3.264	5.108	3.0357	3.421	13.605	3.537	.371	18.891	1.328
64.	400.0	-6.93	3.741	5.875	2.8057	3.583	13.242	3.241	.376	18.055	1.438
66.	400.0	7.26	4.283	6.873	2.5971	3.797	12.657	2.956	.401	16.444	1.605
68.	400.0	21.45	4.825	7.871	2.3835	4.010	12.072	2.672	.425	15.046	1.742
70.	400.0	37.02	5.013	8.257	2.2458	4.236	11.508	2.434	.460	13.495	1.747
72.	400.0	53.96	4.846	8.032	2.1689	4.473	10.967	2.243	.507	11.920	1.643
74.	400.0	70.90	4.680	7.807	2.0920	4.711	10.425	2.052	.553	10.627	1.537
76.	400.0	84.28	4.220	6.977	2.1094	4.885	10.247	1.974	.594	9.636	1.344
78.	400.0	97.66	3.760	6.147	2.1267	5.060	10.069	1.896	.635	8.784	1.157
80.	400.0	109.51	3.416	5.534	2.1498	5.211	9.948	1.841	.669	8.122	1.024
82.	400.0	119.82	3.190	5.138	2.1787	5.337	9.884	1.809	.697	7.603	.941
84.	400.0	131.00	2.891	4.606	2.1943	5.457	9.841	1.754	.727	7.117	.821
86.	400.0	139.25	2.792	4.448	2.2252	5.550	9.827	1.753	.745	6.782	.793
88.	400.0	147.51	2.694	4.291	2.2561	5.642	9.813	1.752	.764	6.470	.766
90.	400.0	155.76	2.595	4.133	2.2870	5.735	9.798	1.751	.782	6.180	.738
92.	400.0	164.02	2.497	3.975	2.3179	5.827	9.784	1.750	.800	5.908	.711
94.	400.0	172.27	2.398	3.817	2.3488	5.920	9.770	1.749	.818	5.654	.683
96.	400.0	179.48	2.346	3.739	2.3768	5.992	9.773	1.760	.829	5.461	.674
98.	400.0	186.69	2.293	3.661	2.4049	6.065	9.777	1.772	.841	5.278	.664
100.	400.0	193.91	2.240	3.584	2.4329	6.138	9.781	1.784	.852	5.104	.654
102.	400.0	201.12	2.188	3.506	2.4610	6.211	9.734	1.795	.863	4.938	.643
104.	400.0	208.92	2.133	3.407	2.5204	6.410	9.374	1.842	.883	4.733	.669
106.	400.0	215.33	2.109	3.387	2.5402	6.464	9.433	1.857	.888	4.617	.667
108.	400.0	221.74	2.085	3.367	2.5600	6.518	9.492	1.872	.894	4.505	.664
110.	400.0	228.15	2.061	3.347	2.5798	6.572	9.551	1.888	.899	4.398	.662
112.	400.0	234.55	2.037	3.327	2.5996	6.626	9.610	1.903	.904	4.295	.659
114.	400.0	240.96	2.013	3.307	2.6194	6.680	9.669	1.918	.909	4.195	.656
116.	400.0	247.37	1.989	3.287	2.6392	6.735	9.728	1.933	.914	4.100	.653
118.	400.0	253.78	1.965	3.268	2.6589	6.789	9.786	1.949	.919	4.008	.651
120.	400.0	260.19	1.941	3.248	2.6787	6.843	9.845	1.964	.925	3.919	.648
122.	400.0	266.60	1.917	3.228	2.6985	6.897	9.904	1.979	.930	3.833	.645
124.	400.0	273.00	1.893	3.208	2.7183	6.951	9.963	1.994	.935	3.751	.642
126.	400.0	279.41	1.869	3.188	2.7381	7.005	10.022	2.010	.940	3.671	.639
128.	400.0	285.82	1.845	3.168	2.7579	7.059	10.081	2.025	.945	3.594	.636
130.	400.0	292.23	1.821	3.148	2.7776	7.113	10.140	2.040	.950	3.519	.633
132.	400.0	298.64	1.797	3.129	2.7974	7.167	10.199	2.055	.956	3.447	.631
134.	400.0	305.05	1.773	3.109	2.8172	7.222	10.257	2.071	.961	3.377	.628
136.	400.0	311.45	1.749	3.089	2.8370	7.276	10.316	2.086	.966	3.310	.625
138.	400.0	317.79	1.737	3.102	2.8506	7.317	10.413	2.104	.968	3.256	.627
140.	400.0	324.12	1.726	3.115	2.8643	7.359	10.510	2.122	.969	3.204	.629
142.	400.0	330.46	1.715	3.127	2.8779	7.400	10.607	2.140	.971	3.153	.631
144.	400.0	336.79	1.703	3.140	2.8915	7.442	10.704	2.157	.973	3.104	.633
146.	400.0	343.13	1.692	3.153	2.9052	7.484	10.801	2.175	.975	3.056	.635
148.	400.0	349.46	1.681	3.166	2.9188	7.525	10.898	2.193	.976	3.009	.637
150.	400.0	355.80	1.669	3.179	2.9324	7.567	10.995	2.211	.978	2.964	.639

152.	400.0	362.13	1.658	3.192	2.9461	7.608	11.092	2.229	.980	2.919	.641
154.	400.0	368.47	1.647	3.204	2.9597	7.650	11.189	2.247	.982	2.876	.644
156.	400.0	374.80	1.635	3.217	2.9733	7.692	11.285	2.265	.983	2.834	.646
158.	400.0	381.14	1.624	3.230	2.9870	7.733	11.382	2.283	.985	2.794	.648
160.	400.0	387.47	1.612	3.243	3.0005	7.775	11.479	2.301	.987	2.754	.650
162.	400.0	393.81	1.601	3.256	3.0142	7.816	11.576	2.319	.989	2.715	.652
164.	400.0	400.14	1.590	3.268	3.0279	7.858	11.673	2.336	.990	2.677	.654
166.	400.0	406.48	1.578	3.281	3.0415	7.900	11.770	2.354	.992	2.640	.656
168.	400.0	412.81	1.567	3.294	3.0551	7.941	11.867	2.372	.994	2.604	.658
170.	400.0	419.74	1.560	3.313	3.0668	7.979	11.987	2.389	.995	2.571	.660
172.	400.0	426.67	1.552	3.331	3.0785	8.018	12.107	2.407	.996	2.539	.662
174.	400.0	433.60	1.545	3.349	3.0902	8.056	12.227	2.424	.996	2.508	.664
176.	400.0	440.53	1.537	3.368	3.1019	8.094	12.346	2.441	.997	2.477	.666
178.	400.0	447.46	1.530	3.386	3.1136	8.132	12.466	2.458	.998	2.447	.668
180.	400.0	454.39	1.522	3.405	3.1253	8.170	12.586	2.475	.999	2.418	.670
185.	400.0	471.71	1.504	3.451	3.1545	8.266	12.886	2.518	1.001	2.347	.674
190.	400.0	489.04	1.485	3.497	3.1837	8.362	13.186	2.561	1.003	2.281	.679
195.	400.0	506.36	1.467	3.543	3.2129	8.457	13.485	2.604	1.006	2.217	.684
200.	400.0	522.18	1.443	3.625	3.2419	8.566	13.930	2.652	1.008	2.156	.690
205.	400.0	541.52	1.438	3.644	3.2734	8.645	14.195	2.691	1.009	2.102	.691
210.	400.0	560.85	1.433	3.654	3.3050	8.723	14.459	2.731	1.010	2.051	.692
215.	400.0	580.20	1.428	3.683	3.3365	8.802	14.723	2.770	1.010	2.002	.693
220.	400.0	599.54	1.423	3.702	3.3680	8.880	14.987	2.809	1.011	1.955	.694
225.	400.0	618.88	1.418	3.722	3.3995	8.959	15.252	2.849	1.011	1.911	.695
230.	400.0	638.23	1.413	3.741	3.4311	9.037	15.516	2.888	1.012	1.868	.696
235.	400.0	657.57	1.408	3.761	3.4626	9.116	15.780	2.928	1.012	1.827	.698
240.	400.0	676.91	1.404	3.780	3.4941	9.195	15.044	2.967	1.013	1.788	.699
245.	400.0	696.25	1.399	3.800	3.5257	9.273	16.309	3.006	1.014	1.751	.700
250.	400.0	715.59	1.394	3.819	3.5572	9.352	16.573	3.046	1.014	1.715	.702
255.	400.0	734.93	1.389	3.838	3.5887	9.430	16.837	3.085	1.015	1.680	.703
260.	400.0	754.27	1.384	3.858	3.6203	9.509	17.101	3.124	1.015	1.647	.705
265.	400.0	773.61	1.379	3.877	3.6518	9.587	17.365	3.164	1.016	1.615	.706
270.	400.0	792.95	1.374	3.897	3.6833	9.666	17.630	3.203	1.016	1.584	.708
275.	400.0	812.29	1.369	3.916	3.7148	9.744	17.894	3.243	1.017	1.555	.710
280.	400.0	831.64	1.364	3.935	3.7464	9.823	18.158	3.282	1.018	1.526	.711
285.	400.0	850.98	1.360	3.955	3.7779	9.902	18.422	3.321	1.018	1.498	.713
290.	400.0	870.32	1.355	3.974	3.8094	9.980	18.687	3.361	1.019	1.472	.715
295.	400.0	889.66	1.350	3.994	3.8410	10.059	18.951	3.400	1.019	1.446	.717
300.	400.0	909.00	1.345	4.013	3.8725	10.137	19.215	3.439	1.020	1.421	.718
305.	400.0	928.57	1.346	4.002	3.9035	10.193	19.349	3.476	1.020	1.398	.719
310.	400.0	948.14	1.347	3.991	3.9345	10.248	19.483	3.512	1.020	1.375	.719
315.	400.0	967.71	1.348	3.980	3.9655	10.303	19.617	3.548	1.020	1.354	.720
320.	400.0	987.28	1.349	3.969	3.9965	10.358	19.751	3.585	1.020	1.332	.720
325.	400.0	1006.35	1.351	3.957	4.0276	10.413	19.885	3.621	1.020	1.312	.721
330.	400.0	1026.42	1.352	3.946	4.0586	10.469	20.019	3.657	1.020	1.292	.721
335.	400.0	1045.99	1.353	3.935	4.0897	10.524	20.153	3.694	1.020	1.273	.721
340.	400.0	1065.56	1.354	3.924	4.1207	10.579	20.287	3.730	1.020	1.254	.721
345.	400.0	1085.13	1.355	3.913	4.1517	10.634	20.421	3.766	1.019	1.236	.722
350.	400.0	1104.70	1.356	3.902	4.1827	10.690	20.555	3.803	1.019	1.219	.722
355.	400.0	1124.27	1.357	3.891	4.2137	10.745	20.689	3.839	1.019	1.201	.722
360.	400.0	1143.84	1.358	3.879	4.2448	10.800	20.823	3.875	1.019	1.185	.722
365.	400.0	1163.41	1.360	3.868	4.2758	10.855	20.957	3.912	1.019	1.169	.722
370.	400.0	1182.98	1.361	3.857	4.3068	10.911	21.091	3.948	1.019	1.153	.722
375.	400.0	1202.55	1.362	3.846	4.3378	10.966	21.225	3.984	1.019	1.138	.722
380.	400.0	1222.12	1.363	3.835	4.3689	11.021	21.359	4.021	1.019	1.123	.722
385.	400.0	1241.69	1.364	3.824	4.3999	11.076	21.493	4.057	1.019	1.108	.722
390.	400.0	1261.26	1.365	3.812	4.4309	11.132	21.627	4.093	1.019	1.094	.722
395.	400.0	1280.83	1.366	3.801	4.4619	11.187	21.761	4.129	1.019	1.080	.721
400.	400.0	1302.52	1.370	3.767	4.5079	11.368	22.147	4.177	1.019	1.066	.710
420.	400.0	1374.42	1.372	3.744	4.5095	11.503	22.731	4.299	1.019	1.016	.708
440.	400.0	1446.31	1.374	3.721	4.7112	11.648	23.315	4.421	1.019	.970	.706
460.	400.0	1518.21	1.377	3.698	4.8123	11.787	23.900	4.543	1.018	.928	.703

480.	400.0	1590.10	1.379	3.675	4.9144	11.927	24.484	4.605	1.018	.890	.700
500.	400.0	1661.99	1.381	3.652	5.0163	12.067	25.068	4.787	1.017	.855	.697
520.	400.0	1733.89	1.384	3.629	5.1177	12.207	25.653	4.909	1.017	.822	.695
540.	400.0	1805.78	1.386	3.606	5.2193	12.347	26.237	5.032	1.017	.792	.692
560.	400.0	1877.68	1.388	3.583	5.3209	12.487	26.821	5.154	1.016	.764	.689
580.	400.0	1949.57	1.390	3.560	5.4225	12.626	27.405	5.276	1.016	.738	.685
600.	400.0	2021.46	1.393	3.538	5.5241	12.766	27.990	5.398	1.015	.714	.682
620.	400.0	2093.36	1.395	3.515	5.6258	12.906	28.574	5.520	1.015	.691	.679
640.	400.0	2165.25	1.397	3.492	5.7274	13.046	29.158	5.642	1.015	.670	.676
660.	400.0	2235.88	1.398	3.480	5.8175	13.160	29.763	5.757	1.014	.650	.673
680.	400.0	2305.23	1.398	3.480	5.8962	13.248	30.388	5.866	1.014	.631	.672
700.	400.0	2374.59	1.398	3.480	5.9749	13.335	31.013	5.974	1.014	.613	.670
720.	400.0	2443.55	1.398	3.480	6.0536	13.423	31.638	6.083	1.013	.596	.669
740.	400.0	2513.30	1.398	3.480	6.1323	13.511	32.264	6.191	1.013	.580	.668
760.	400.0	2582.66	1.398	3.480	6.2110	13.599	32.889	6.300	1.013	.565	.667
780.	400.0	2652.01	1.397	3.480	6.2897	13.687	33.514	6.408	1.012	.551	.665
800.	400.0	2721.37	1.397	3.480	6.3684	13.775	34.139	6.517	1.012	.537	.664
820.	400.0	2790.73	1.397	3.479	6.4471	13.862	34.764	6.625	1.012	.524	.663
840.	400.0	2860.08	1.397	3.479	6.5258	13.950	35.389	6.734	1.012	.512	.662
860.	400.0	2929.44	1.397	3.479	6.6045	14.038	36.014	6.842	1.011	.500	.661
880.	400.0	2998.79	1.397	3.479	6.6832	14.126	36.639	6.951	1.011	.489	.660
900.	400.0	3068.15	1.397	3.479	6.7618	14.214	37.264	7.059	1.011	.478	.659
920.	400.0	3137.73	1.397	3.479	6.8307	14.282	37.956	7.163	1.011	.468	.657
940.	400.0	3207.31	1.397	3.479	6.8995	14.350	38.648	7.267	1.010	.458	.654
960.	400.0	3276.88	1.397	3.478	6.9683	14.417	39.340	7.371	1.010	.448	.652
980.	400.0	3346.46	1.396	3.478	7.0371	14.485	40.032	7.475	1.010	.439	.649
1000.	400.0	3416.04	1.396	3.478	7.1059	14.553	40.724	7.579	1.010	.431	.647
1050.	400.0	3589.98	1.396	3.477	7.2783	14.723	42.454	7.839	1.009	.410	.642
1100.	400.0	3763.93	1.396	3.477	7.4503	14.893	44.183	8.099	1.009	.392	.637
1150.	400.0	3937.87	1.396	3.476	7.6221	15.062	45.913	8.360	1.009	.375	.633
1200.	400.0	4112.41	1.395	3.483	7.7726	15.199	46.908	8.637	1.008	.359	.641
1250.	400.0	4286.95	1.394	3.489	7.9231	15.335	47.902	8.915	1.008	.345	.649
1300.	400.0	4461.49	1.393	3.496	8.0737	15.472	48.897	9.193	1.008	.332	.657
1350.	400.0	4636.03	1.391	3.502	8.2242	15.608	49.892	9.471	1.007	.320	.665
1400.	400.0	4808.37	1.391	3.505	8.3855	15.755	50.313	9.779	1.007	.308	.681
1450.	400.0	4986.12	1.389	3.515	8.5147	15.862	51.738	10.018	1.007	.298	.681
1500.	400.0	5153.87	1.388	3.526	8.6440	15.968	53.164	10.257	1.007	.288	.680
1550.	400.0	5341.62	1.386	3.536	8.7733	16.074	54.589	10.496	1.006	.279	.680
1600.	400.0	5519.37	1.385	3.546	8.9026	16.180	56.014	10.735	1.006	.270	.680
1650.	400.0	5697.11	1.383	3.556	9.0318	16.287	57.439	10.973	1.006	.262	.679
1700.	400.0	5874.86	1.382	3.567	9.1611	16.393	58.865	11.212	1.006	.254	.679
1750.	400.0	6052.61	1.380	3.577	9.2904	16.499	60.290	11.451	1.006	.247	.679
1800.	400.0	6230.36	1.379	3.587	9.4197	16.605	61.715	11.690	1.005	.240	.679
1850.	400.0	6408.11	1.377	3.597	9.5489	16.712	63.141	11.929	1.005	.234	.680
1900.	400.0	6585.85	1.375	3.607	9.6782	16.818	64.566	12.167	1.005	.228	.680
1950.	400.0	6763.60	1.374	3.618	9.8075	16.924	65.991	12.406	1.005	.222	.680
2000.	400.0	6941.35	1.372	3.628	9.9367	17.030	67.416	12.645	1.005	.216	.680
2050.	400.0	7126.91	1.370	3.642	10.0430	17.111	68.934	12.867	1.005	.211	.680
2100.	400.0	7312.47	1.369	3.657	10.1492	17.191	70.451	13.089	1.004	.206	.679
2150.	400.0	7498.04	1.367	3.671	10.2554	17.271	71.968	13.311	1.004	.201	.679
2200.	400.0	7683.60	1.365	3.686	10.3616	17.351	73.485	13.533	1.004	.197	.679
2250.	400.0	7869.16	1.363	3.701	10.4678	17.431	75.002	13.755	1.004	.192	.679
2300.	400.0	8054.72	1.361	3.715	10.5740	17.511	76.519	13.977	1.004	.188	.679
2350.	400.0	8240.29	1.359	3.730	10.6802	17.591	78.036	14.200	1.004	.184	.679
2400.	400.0	8425.85	1.357	3.744	10.7864	17.671	79.553	14.422	1.004	.180	.679
2450.	400.0	8611.41	1.355	3.759	10.8926	17.751	81.070	14.644	1.004	.177	.679
2500.	400.0	8796.97	1.353	3.773	10.9988	17.832	82.587	14.866	1.004	.173	.679
2550.	400.0	8982.54	1.351	3.788	11.1050	17.912	84.104	15.088	1.004	.170	.679
2600.	400.0	9168.10	1.349	3.802	11.2112	17.992	85.621	15.310	1.003	.167	.680
2650.	400.0	9362.26	1.348	3.817	11.3047	18.059	87.192	15.522	1.003	.164	.679
2700.	400.0	9556.42	1.346	3.831	11.3982	18.125	88.763	15.734	1.003	.160	.679
2750.	400.0	9750.57	1.344	3.845	11.4917	18.193	90.334	15.946	1.003	.158	.679

2800.	400.0	9944.73	1.343	3.860	11.5852	18.260	91.904	16.158	1.003	.155	.579
2850.	400.0	10138.89	1.341	3.874	11.6787	18.327	93.475	16.370	1.003	.152	.678
2900.	400.0	10333.05	1.339	3.888	11.7722	18.394	95.046	16.581	1.003	.149	.678
2950.	400.0	10527.21	1.338	3.903	11.6657	18.461	96.516	16.793	1.003	.147	.678
3000.	400.0	10721.37	1.336	3.917	11.3592	18.528	98.187	17.005	1.003	.144	.678
3050.	400.0	10915.52	1.334	3.931	12.0527	18.595	99.758	17.217	1.003	.142	.679
3100.	400.0	11109.68	1.333	3.946	12.1452	18.662	101.329	17.429	1.003	.140	.679
3150.	400.0	11303.84	1.331	3.960	12.2397	18.729	102.899	17.641	1.003	.138	.679
3200.	400.0	11498.00	1.329	3.975	12.3332	18.796	104.470	17.853	1.003	.135	.679
3250.	400.0	11702.79	1.328	3.995	12.4153	18.853	106.435	18.057	1.003	.133	.678
3300.	400.0	11907.58	1.326	4.016	12.4973	18.913	108.400	18.261	1.003	.131	.677
3350.	400.0	12112.38	1.324	4.037	12.5794	18.971	110.364	18.465	1.003	.129	.675
3400.	400.0	12317.17	1.322	4.058	12.6614	19.029	112.329	18.669	1.003	.128	.574
3450.	400.0	12521.96	1.320	4.079	12.7435	19.088	114.294	18.873	1.003	.126	.574
3500.	400.0	12726.75	1.318	4.100	12.8255	19.146	116.259	19.077	1.003	.124	.673
3550.	400.0	12931.54	1.317	4.121	12.9075	19.204	118.224	19.281	1.003	.122	.572
3600.	400.0	13136.33	1.315	4.142	12.9895	19.262	120.188	19.485	1.003	.120	.671
3650.	400.0	13341.13	1.313	4.163	13.0715	19.320	122.153	19.689	1.003	.119	.671
3700.	400.0	13545.92	1.311	4.184	13.1537	19.377	124.118	19.893	1.003	.117	.671
3750.	400.0	13750.71	1.309	4.205	13.2357	19.437	126.083	20.097	1.003	.116	.670
3800.	400.0	13954.50	1.308	4.219	13.3175	19.396	127.730	20.299	1.002	.114	.670
3850.	400.0	14171.50	1.306	4.254	13.3907	19.450	130.539	20.499	1.003	.113	.668
3900.	400.0	14388.50	1.303	4.289	13.4640	19.505	133.349	20.698	1.003	.111	.666
3950.	400.0	14605.50	1.301	4.324	13.5372	19.559	136.158	20.898	1.003	.110	.664
4000.	400.0	14822.50	1.299	4.360	13.6105	19.614	138.967	21.097	1.003	.108	.662
4050.	400.0	15039.50	1.297	4.395	13.6837	19.668	141.777	21.297	1.003	.107	.660
4100.	400.0	15256.50	1.294	4.430	13.7570	19.723	144.586	21.496	1.003	.106	.659
4150.	400.0	15473.50	1.292	4.466	13.8302	19.777	147.396	21.696	1.003	.104	.657
4200.	400.0	15690.50	1.290	4.501	13.9035	19.831	150.205	21.895	1.003	.103	.656
4250.	400.0	15926.38	1.287	4.563	13.9690	19.885	154.644	22.092	1.003	.102	.652
4300.	400.0	16162.25	1.284	4.624	14.0345	19.939	159.082	22.289	1.004	.101	.648
4350.	400.0	16398.13	1.281	4.686	14.1000	19.993	163.521	22.485	1.004	.100	.644
4400.	400.0	16634.00	1.278	4.748	14.1655	20.046	167.960	22.682	1.004	.098	.641
4450.	400.0	16869.88	1.276	4.810	14.2310	20.100	172.399	22.878	1.004	.097	.638
4500.	400.0	17105.75	1.273	4.872	14.2965	20.154	176.837	23.075	1.004	.096	.636
4550.	400.0	17341.63	1.270	4.934	14.3620	20.208	181.276	23.271	1.005	.095	.633
4600.	400.0	17577.50	1.267	4.995	14.4275	20.261	185.715	23.468	1.005	.094	.631
4650.	400.0	17848.06	1.264	5.100	14.4888	20.318	193.054	23.663	1.005	.093	.625
4700.	400.0	18118.63	1.262	5.205	14.5501	20.374	200.394	23.858	1.006	.092	.620
4750.	400.0	18389.19	1.259	5.309	14.6114	20.430	207.733	24.053	1.007	.091	.615
4800.	400.0	18659.75	1.256	5.414	14.6727	20.486	215.072	24.248	1.007	.090	.610
4850.	400.0	18930.31	1.253	5.519	14.7341	20.543	222.412	24.443	1.008	.089	.507
4900.	400.0	19200.88	1.250	5.624	14.7954	20.599	229.751	24.638	1.008	.088	.603
4950.	400.0	19471.44	1.247	5.728	14.8567	20.655	237.091	24.833	1.009	.087	.600
5000.	400.0	19742.00	1.244	5.833	14.9180	20.711	244.430	25.028	1.009	.086	.597

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO (CP/CV)	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER K=9200
36.	450.0	-98.50	1.520	2.050	4.9005	1.740	16.178	9.303	.504	26.956	1.179
38.	450.0	-94.19	1.571	2.166	4.8105	1.854	15.596	8.588	.465	26.527	1.163
40.	450.0	-89.88	1.622	2.282	4.7204	1.968	15.814	7.874	.466	26.217	1.136
42.	450.0	-85.07	1.687	2.412	4.6139	2.083	15.669	7.337	.452	25.747	1.129
44.	450.0	-80.25	1.752	2.541	4.5173	2.198	15.523	6.800	.438	25.368	1.113
46.	450.0	-74.88	1.834	2.691	4.4019	2.314	15.389	6.366	.428	24.859	1.113
48.	450.0	-69.51	1.916	2.840	4.2865	2.431	15.255	5.932	.417	24.421	1.104
50.	450.0	-63.49	2.021	3.023	4.1558	2.552	15.111	5.567	.410	23.853	1.114
52.	450.0	-57.46	2.125	3.206	4.0252	2.672	14.967	5.203	.403	23.342	1.114
54.	450.0	-50.66	2.249	3.405	3.8762	2.798	14.794	4.885	.396	22.697	1.124
56.	450.0	-43.86	2.373	3.603	3.7271	2.924	14.621	4.566	.395	22.103	1.125
58.	450.0	-35.83	2.646	4.103	3.5554	3.063	14.389	4.274	.396	21.309	1.219
60.	450.0	-27.80	2.920	4.604	3.3837	3.202	14.157	3.982	.396	20.569	1.295
62.	450.0	-18.40	3.040	4.736	3.2024	3.353	13.863	3.714	.403	19.600	1.269
64.	450.0	-9.50	3.294	5.147	3.0231	3.497	13.591	3.450	.406	18.804	1.307
66.	450.0	2.30	3.672	5.810	2.8338	3.675	13.159	3.193	.422	17.564	1.410
68.	450.0	14.11	4.050	6.472	2.6445	3.853	12.726	2.937	.437	16.443	1.494
70.	450.0	27.39	4.307	6.951	2.4910	4.045	12.247	2.707	.462	15.135	1.536
72.	450.0	42.14	4.443	7.246	2.3731	4.251	11.722	2.504	.495	13.736	1.548
74.	450.0	56.89	4.578	7.541	2.2552	4.458	11.196	2.302	.527	12.531	1.550
76.	450.0	70.84	4.274	7.017	2.2379	4.640	10.905	2.194	.566	11.371	1.412
78.	450.0	84.79	3.969	6.493	2.2206	4.823	10.614	2.087	.604	10.374	1.277
80.	450.0	97.35	3.688	6.008	2.2201	4.983	10.422	2.008	.639	9.571	1.158
82.	450.0	108.54	3.432	5.560	2.2362	5.120	10.328	1.959	.669	8.916	1.055
84.	450.0	121.47	3.050	4.882	2.2670	5.280	10.232	1.892	.709	8.217	.903
86.	450.0	130.19	2.940	4.704	2.2915	5.378	10.202	1.881	.728	7.815	.867
88.	450.0	138.91	2.829	4.525	2.3160	5.475	10.173	1.870	.747	7.442	.832
90.	450.0	147.64	2.719	4.347	2.3405	5.573	10.143	1.859	.766	7.095	.797
92.	450.0	156.36	2.609	4.169	2.3651	5.671	10.114	1.848	.785	6.772	.762
94.	450.0	165.08	2.498	3.990	2.3896	5.769	10.084	1.837	.804	6.470	.727
96.	450.0	172.57	2.439	3.902	2.4152	5.844	10.091	1.844	.816	6.242	.713
98.	450.0	180.07	2.380	3.814	2.4408	5.920	10.098	1.850	.828	6.025	.699
100.	450.0	187.57	2.322	3.726	2.4665	5.995	10.104	1.856	.840	5.820	.684
102.	450.0	195.07	2.263	3.638	2.4921	6.071	10.111	1.862	.853	5.625	.670
104.	450.0	202.98	2.201	3.531	2.5396	6.233	9.829	1.890	.871	5.399	.679
106.	450.0	209.55	2.174	3.506	2.5591	6.288	9.885	1.904	.877	5.263	.675
108.	450.0	216.12	2.148	3.481	2.5786	6.344	9.941	1.917	.883	5.132	.671
110.	450.0	222.69	2.121	3.457	2.5982	6.399	9.997	1.931	.888	5.006	.668
112.	450.0	229.27	2.094	3.432	2.6177	6.455	10.053	1.945	.894	4.885	.664
114.	450.0	235.84	2.067	3.407	2.6372	6.510	10.109	1.958	.900	4.768	.660
116.	450.0	242.41	2.040	3.383	2.6568	6.566	10.165	1.972	.906	4.657	.656
118.	450.0	248.98	2.013	3.358	2.6763	6.621	10.222	1.986	.911	4.549	.652
120.	450.0	255.55	1.986	3.333	2.6958	6.677	10.278	1.999	.917	4.445	.648
122.	450.0	262.12	1.959	3.308	2.7154	6.732	10.334	2.013	.923	4.345	.644
124.	450.0	268.69	1.932	3.284	2.7349	6.788	10.390	2.027	.928	4.248	.641
126.	450.0	275.26	1.905	3.259	2.7544	6.843	10.446	2.040	.934	4.155	.637
128.	450.0	281.84	1.879	3.234	2.7739	6.899	10.502	2.054	.940	4.065	.633
130.	450.0	288.41	1.852	3.210	2.7935	6.954	10.558	2.068	.946	3.978	.629
132.	450.0	294.98	1.825	3.185	2.8130	7.010	10.614	2.081	.951	3.895	.625
134.	450.0	301.55	1.798	3.160	2.8325	7.065	10.670	2.095	.957	3.813	.621
136.	450.0	308.12	1.771	3.135	2.8521	7.121	10.726	2.109	.963	3.735	.616
138.	450.0	314.53	1.759	3.147	2.8655	7.163	10.820	2.126	.965	3.673	.618
140.	450.0	320.93	1.747	3.159	2.8792	7.205	10.914	2.144	.967	3.614	.620
142.	450.0	327.33	1.735	3.170	2.8929	7.247	11.008	2.161	.969	3.556	.623
144.	450.0	333.74	1.723	3.182	2.9064	7.289	11.102	2.179	.971	3.499	.625
146.	450.0	340.14	1.711	3.194	2.9199	7.331	11.196	2.196	.973	3.445	.627
148.	450.0	346.55	1.699	3.205	2.9335	7.373	11.289	2.214	.974	3.391	.629
150.	450.0	352.95	1.687	3.217	2.9471	7.415	11.383	2.231	.976	3.340	.631

152.	450.0	359.35	1.675	3.229	2.9637	7.457	11.477	2.249	.978	3.289	.633
154.	450.0	365.76	1.663	3.240	2.9742	7.499	11.571	2.267	.980	3.240	.635
156.	450.0	372.16	1.651	3.252	2.9878	7.541	11.665	2.284	.982	3.192	.637
158.	450.0	378.57	1.639	3.264	3.0014	7.583	11.759	2.302	.984	3.146	.639
160.	450.0	384.97	1.627	3.275	3.0149	7.625	11.853	2.319	.986	3.100	.641
162.	450.0	391.37	1.615	3.287	3.0285	7.667	11.947	2.337	.988	3.056	.643
164.	450.0	397.78	1.603	3.299	3.0421	7.709	12.040	2.354	.990	3.013	.645
166.	450.0	404.18	1.591	3.310	3.0557	7.751	12.134	2.372	.992	2.971	.647
168.	450.0	410.58	1.579	3.322	3.0692	7.793	12.228	2.389	.994	2.930	.649
170.	450.0	417.56	1.571	3.340	3.0809	7.832	12.345	2.406	.995	2.893	.651
172.	450.0	424.53	1.563	3.358	3.0925	7.870	12.463	2.423	.996	2.856	.653
174.	450.0	431.51	1.555	3.376	3.1041	7.909	12.580	2.440	.997	2.821	.655
176.	450.0	438.48	1.548	3.394	3.1158	7.947	12.697	2.457	.998	2.786	.657
178.	450.0	445.45	1.540	3.412	3.1274	7.986	12.814	2.474	.999	2.752	.659
180.	450.0	452.43	1.532	3.430	3.1390	8.024	12.932	2.491	1.000	2.719	.661
185.	450.0	469.86	1.513	3.475	3.1681	8.120	13.225	2.533	1.002	2.639	.666
190.	450.0	487.30	1.493	3.520	3.1972	8.216	13.518	2.576	1.004	2.563	.671
195.	450.0	504.73	1.474	3.564	3.2263	8.313	13.811	2.618	1.007	2.491	.676
200.	450.0	520.71	1.449	3.644	3.2552	8.422	14.249	2.666	1.010	2.422	.682
205.	450.0	540.11	1.444	3.662	3.2867	8.501	14.508	2.705	1.010	2.361	.683
210.	450.0	559.51	1.438	3.681	3.3182	8.580	14.766	2.744	1.011	2.304	.684
215.	450.0	578.92	1.433	3.700	3.3497	8.659	15.025	2.783	1.012	2.249	.685
220.	450.0	598.32	1.428	3.719	3.3812	8.738	15.283	2.822	1.012	2.196	.687
225.	450.0	617.72	1.423	3.738	3.4127	8.816	15.541	2.861	1.013	2.146	.688
230.	450.0	637.12	1.418	3.757	3.4442	8.895	15.800	2.899	1.014	2.098	.689
235.	450.0	656.52	1.413	3.775	3.4758	8.974	16.058	2.938	1.014	2.052	.691
240.	450.0	675.93	1.408	3.794	3.5073	9.053	16.317	2.977	1.015	2.008	.692
245.	450.0	695.33	1.403	3.813	3.5388	9.132	16.575	3.016	1.015	1.966	.694
250.	450.0	714.73	1.398	3.832	3.5703	9.210	16.833	3.055	1.016	1.925	.695
255.	450.0	734.13	1.392	3.851	3.6018	9.289	17.092	3.094	1.017	1.887	.697
260.	450.0	753.53	1.387	3.869	3.6333	9.368	17.350	3.133	1.017	1.849	.699
265.	450.0	772.94	1.382	3.888	3.6648	9.447	17.609	3.172	1.018	1.813	.700
270.	450.0	792.34	1.377	3.907	3.6963	9.526	17.867	3.211	1.019	1.778	.702
275.	450.0	811.74	1.372	3.926	3.7278	9.605	18.125	3.250	1.019	1.745	.704
280.	450.0	831.14	1.367	3.945	3.7593	9.683	18.384	3.289	1.020	1.713	.706
285.	450.0	850.54	1.362	3.963	3.7908	9.762	18.642	3.328	1.021	1.682	.707
290.	450.0	869.95	1.357	3.982	3.8223	9.841	18.901	3.367	1.021	1.652	.709
295.	450.0	889.35	1.352	4.001	3.8538	9.920	19.159	3.406	1.022	1.623	.711
300.	450.0	908.75	1.347	4.020	3.8853	9.999	19.417	3.444	1.022	1.595	.713
305.	450.0	928.34	1.348	4.008	3.9164	10.054	19.548	3.481	1.022	1.569	.714
310.	450.0	947.94	1.349	3.997	3.9474	10.109	19.678	3.517	1.022	1.543	.714
315.	450.0	967.53	1.350	3.986	3.9784	10.165	19.808	3.553	1.022	1.519	.715
320.	450.0	987.12	1.351	3.975	4.0094	10.220	19.938	3.589	1.022	1.495	.715
325.	450.0	1006.72	1.352	3.963	4.0404	10.275	20.068	3.625	1.022	1.472	.716
330.	450.0	1026.31	1.353	3.952	4.0714	10.330	20.198	3.662	1.022	1.450	.716
335.	450.0	1045.91	1.354	3.941	4.1024	10.386	20.329	3.698	1.022	1.429	.717
340.	450.0	1065.50	1.355	3.929	4.1334	10.441	20.459	3.734	1.022	1.408	.717
345.	450.0	1085.09	1.357	3.918	4.1645	10.496	20.589	3.770	1.022	1.387	.717
350.	450.0	1104.69	1.358	3.907	4.1955	10.552	20.719	3.806	1.022	1.368	.718
355.	450.0	1124.28	1.359	3.896	4.2265	10.607	20.849	3.842	1.022	1.348	.718
360.	450.0	1143.87	1.360	3.884	4.2575	10.662	20.979	3.879	1.022	1.330	.718
365.	450.0	1163.47	1.361	3.873	4.2885	10.717	21.109	3.915	1.022	1.312	.718
370.	450.0	1183.06	1.362	3.862	4.3195	10.773	21.240	3.951	1.022	1.294	.718
375.	450.0	1202.66	1.363	3.850	4.3505	10.828	21.370	3.987	1.022	1.277	.718
380.	450.0	1222.25	1.364	3.839	4.3815	10.883	21.500	4.023	1.022	1.260	.718
385.	450.0	1241.84	1.365	3.828	4.4125	10.939	21.630	4.059	1.022	1.244	.718
390.	450.0	1261.44	1.366	3.817	4.4436	10.994	21.760	4.096	1.021	1.228	.718
395.	450.0	1281.03	1.368	3.805	4.4746	11.049	21.890	4.132	1.021	1.212	.718
400.	450.0	1302.81	1.371	3.770	4.5210	11.267	22.282	4.180	1.022	1.197	.707
420.	450.0	1374.75	1.373	3.747	4.6224	11.407	22.861	4.302	1.021	1.140	.705
440.	450.0	1446.69	1.375	3.724	4.7239	11.547	23.439	4.424	1.021	1.089	.703
460.	450.0	1518.63	1.377	3.701	4.8253	11.687	24.018	4.546	1.020	1.042	.700

480.	450.0	1590.57	1.380	3.678	4.9268	11.827	24.596	4.668	1.020	.999	.678
500.	450.0	1662.51	1.382	3.655	5.0282	11.967	25.175	4.790	1.019	.960	.695
520.	450.0	1734.45	1.384	3.632	5.1296	12.107	25.754	4.912	1.019	.923	.693
540.	450.0	1806.40	1.386	3.608	5.2311	12.247	26.332	5.034	1.019	.889	.690
560.	450.0	1878.34	1.389	3.585	5.3325	12.387	26.911	5.156	1.018	.858	.687
580.	450.0	1950.28	1.391	3.562	5.4340	12.526	27.489	5.278	1.018	.829	.684
600.	450.0	2022.22	1.393	3.539	5.5354	12.666	28.068	5.400	1.017	.801	.681
620.	450.0	2094.16	1.395	3.516	5.6368	12.806	28.647	5.521	1.017	.776	.678
640.	450.0	2166.10	1.398	3.493	5.7383	12.946	29.225	5.643	1.016	.752	.674
660.	450.0	2238.04	1.399	3.481	5.8283	13.060	29.826	5.759	1.016	.729	.672
680.	450.0	2306.13	1.398	3.481	5.9068	13.148	30.449	5.867	1.016	.708	.671
700.	450.0	2375.51	1.398	3.481	5.9854	13.236	31.073	5.976	1.015	.688	.669
720.	450.0	2444.88	1.398	3.481	6.0640	13.324	31.696	6.084	1.015	.669	.668
740.	450.0	2514.25	1.398	3.481	6.1425	13.412	32.319	6.192	1.015	.651	.667
760.	450.0	2583.63	1.398	3.481	6.2211	13.499	32.942	6.301	1.014	.634	.666
780.	450.0	2653.00	1.398	3.480	6.2996	13.587	33.566	6.409	1.014	.618	.665
800.	450.0	2722.37	1.397	3.480	6.3782	13.675	34.189	6.518	1.014	.603	.663
820.	450.0	2791.75	1.397	3.480	6.4568	13.763	34.812	6.626	1.013	.589	.662
840.	450.0	2861.12	1.397	3.480	6.5353	13.851	35.435	6.735	1.013	.575	.661
860.	450.0	2930.49	1.397	3.480	6.6139	13.939	36.058	6.843	1.013	.562	.660
880.	450.0	2999.86	1.397	3.480	6.6925	14.027	36.682	6.952	1.012	.549	.659
900.	450.0	3069.24	1.397	3.480	6.7711	14.114	37.305	7.060	1.012	.537	.659
920.	450.0	3138.62	1.397	3.479	6.8397	14.182	37.996	7.164	1.012	.525	.656
940.	450.0	3208.41	1.397	3.479	6.9085	14.250	38.687	7.268	1.012	.514	.654
960.	450.0	3278.00	1.397	3.479	6.9772	14.318	39.378	7.372	1.012	.504	.651
980.	450.0	3347.58	1.396	3.479	7.0459	14.386	40.070	7.476	1.011	.494	.649
1000.	450.0	3417.17	1.396	3.478	7.1147	14.454	40.761	7.580	1.011	.484	.647
1050.	450.0	3591.14	1.396	3.478	7.2865	14.624	42.489	7.840	1.011	.461	.642
1100.	450.0	3765.10	1.396	3.477	7.4583	14.793	44.217	8.100	1.010	.440	.637
1150.	450.0	3939.07	1.396	3.476	7.6301	14.963	45.944	8.360	1.010	.421	.633
1200.	450.0	4113.62	1.395	3.483	7.7804	15.100	46.934	8.638	1.009	.404	.641
1250.	450.0	4288.18	1.394	3.489	7.9307	15.236	47.923	8.916	1.009	.388	.649
1300.	450.0	4462.73	1.393	3.496	8.0811	15.372	48.912	9.193	1.009	.373	.657
1350.	450.0	4637.29	1.391	3.503	8.2314	15.509	49.901	9.471	1.008	.359	.665
1400.	450.0	4809.64	1.391	3.505	8.3924	15.656	50.313	9.779	1.008	.347	.681
1450.	450.0	4987.40	1.389	3.513	8.5216	15.763	51.738	10.018	1.008	.335	.681
1500.	450.0	5165.15	1.388	3.523	8.6507	15.869	53.164	10.257	1.007	.324	.680
1550.	450.0	5342.90	1.386	3.535	8.7799	15.975	54.589	10.496	1.007	.313	.680
1600.	450.0	5520.65	1.385	3.545	8.9090	16.081	56.014	10.735	1.007	.304	.680
1650.	450.0	5698.40	1.383	3.555	9.0382	16.188	57.440	10.973	1.007	.294	.679
1700.	450.0	5876.15	1.381	3.567	9.1673	16.294	58.865	11.212	1.006	.286	.679
1750.	450.0	6053.90	1.380	3.577	9.2965	16.400	60.290	11.451	1.006	.278	.679
1800.	450.0	6231.66	1.378	3.587	9.4256	16.506	61.715	11.690	1.006	.270	.679
1850.	450.0	6409.41	1.377	3.597	9.5547	16.613	63.141	11.929	1.006	.263	.680
1900.	450.0	6587.16	1.375	3.608	9.6839	16.719	64.566	12.167	1.006	.256	.680
1950.	450.0	6764.91	1.374	3.618	9.8130	16.825	65.991	12.406	1.005	.249	.680
2000.	450.0	6942.66	1.372	3.628	9.9422	16.931	67.417	12.645	1.005	.243	.680
2050.	450.0	7128.22	1.370	3.642	10.0483	17.011	68.934	12.867	1.005	.237	.680
2100.	450.0	7313.79	1.368	3.657	10.1545	17.092	70.451	13.089	1.005	.232	.679
2150.	450.0	7499.35	1.367	3.671	10.2606	17.172	71.968	13.311	1.005	.226	.679
2200.	450.0	7684.91	1.365	3.686	10.3667	17.252	73.485	13.533	1.005	.221	.679
2250.	450.0	7870.47	1.363	3.701	10.4729	17.332	75.002	13.755	1.005	.216	.679
2300.	450.0	8056.03	1.361	3.715	10.5790	17.412	76.519	13.977	1.005	.212	.679
2350.	450.0	8241.59	1.359	3.730	10.6851	17.492	78.036	14.200	1.004	.207	.679
2400.	450.0	8427.15	1.357	3.744	10.7913	17.572	79.553	14.422	1.004	.203	.679
2450.	450.0	8612.72	1.355	3.759	10.8974	17.652	81.070	14.644	1.004	.199	.679
2500.	450.0	8798.28	1.353	3.773	11.0035	17.732	82.587	14.866	1.004	.195	.679
2550.	450.0	8983.84	1.351	3.788	11.1097	17.813	84.104	15.088	1.004	.191	.679
2600.	450.0	9169.40	1.349	3.802	11.2153	17.893	85.621	15.310	1.004	.187	.680
2650.	450.0	9363.53	1.348	3.816	11.3093	17.960	87.191	15.522	1.004	.184	.679
2700.	450.0	9557.71	1.346	3.831	11.4027	18.027	88.761	15.734	1.004	.180	.679
2750.	450.0	9751.85	1.344	3.845	11.4962	18.094	90.330	15.946	1.004	.177	.679

2800.	450.0	9946.02	1.343	3.859	11.5895	13.161	91.900	16.158	1.004	.174	.679
2850.	450.0	10140.17	1.341	3.874	11.6831	13.228	93.470	16.370	1.004	.171	.678
2900.	450.0	10334.32	1.339	3.888	11.7766	13.295	95.040	16.581	1.003	.168	.678
2950.	450.0	10528.48	1.338	3.902	11.8700	13.362	96.610	16.793	1.003	.165	.678
3000.	450.0	10722.63	1.336	3.917	11.9635	13.429	98.180	17.005	1.003	.163	.678
3050.	450.0	10916.79	1.334	3.931	12.0569	13.496	99.750	17.217	1.003	.160	.679
3100.	450.0	11110.94	1.333	3.945	12.1504	13.563	101.320	17.429	1.003	.157	.679
3150.	450.0	11305.10	1.331	3.960	12.2439	13.630	102.890	17.641	1.003	.155	.679
3200.	450.0	11499.25	1.329	3.974	12.3373	13.697	104.460	17.853	1.003	.152	.679
3250.	450.0	11703.93	1.328	3.995	12.4194	13.756	106.408	18.057	1.003	.150	.678
3300.	450.0	11908.60	1.326	4.015	12.5015	13.814	108.355	18.261	1.003	.148	.677
3350.	450.0	12113.28	1.324	4.036	12.5837	13.872	110.303	18.465	1.003	.146	.676
3400.	450.0	12317.96	1.322	4.056	12.6658	13.930	112.251	18.669	1.003	.143	.675
3450.	450.0	12522.64	1.320	4.077	12.7479	13.988	114.198	18.873	1.003	.141	.674
3500.	450.0	12727.31	1.319	4.097	12.8300	14.046	116.146	19.077	1.003	.139	.673
3550.	450.0	12931.99	1.317	4.118	12.9121	14.105	118.094	19.281	1.003	.137	.672
3600.	450.0	13136.67	1.315	4.138	12.9942	14.163	120.041	19.485	1.003	.135	.672
3650.	450.0	13341.34	1.313	4.159	13.0763	14.221	121.989	19.689	1.003	.134	.671
3700.	450.0	13546.02	1.311	4.180	13.1585	14.279	123.937	19.893	1.003	.132	.671
3750.	450.0	13750.70	1.310	4.200	13.2406	14.337	125.884	20.097	1.003	.130	.671
3800.	450.0	13955.33	1.308	4.211	13.3223	14.395	127.400	20.299	1.003	.128	.671
3850.	450.0	14169.97	1.306	4.245	13.3970	14.453	130.122	20.499	1.003	.127	.669
3900.	450.0	14386.31	1.304	4.278	13.4705	14.511	132.843	20.698	1.003	.125	.667
3950.	450.0	14602.66	1.302	4.312	13.5442	14.569	135.565	20.898	1.003	.123	.665
4000.	450.0	14819.00	1.300	4.345	13.6179	14.627	138.287	21.097	1.003	.122	.663
4050.	450.0	15035.34	1.297	4.379	13.6915	14.685	141.009	21.297	1.003	.120	.661
4100.	450.0	15251.69	1.295	4.412	13.7651	14.743	143.730	21.496	1.003	.119	.660
4150.	450.0	15468.03	1.293	4.446	13.8387	14.801	146.452	21.696	1.003	.117	.659
4200.	450.0	15684.38	1.291	4.479	13.9124	14.859	149.174	21.895	1.003	.116	.657
4250.	450.0	15918.53	1.288	4.538	13.9784	14.917	153.412	22.092	1.003	.115	.653
4300.	450.0	16152.69	1.285	4.596	14.0444	14.975	157.651	22.288	1.004	.113	.650
4350.	450.0	16386.84	1.283	4.654	14.1104	15.033	151.889	22.485	1.004	.112	.646
4400.	450.0	16621.00	1.280	4.712	14.1764	15.091	166.127	22.681	1.004	.111	.643
4450.	450.0	16855.16	1.277	4.770	14.2424	15.149	170.366	22.878	1.004	.109	.641
4500.	450.0	17089.31	1.275	4.828	14.3084	15.207	174.604	23.074	1.004	.108	.638
4550.	450.0	17323.47	1.272	4.887	14.3744	15.265	178.843	23.271	1.005	.107	.636
4600.	450.0	17557.53	1.269	4.945	14.4404	15.323	183.081	23.467	1.005	.106	.634
4650.	450.0	17824.33	1.266	5.043	14.5020	15.381	190.023	23.662	1.005	.105	.628
4700.	450.0	18091.03	1.264	5.141	14.5635	15.439	196.964	23.857	1.006	.103	.623
4750.	450.0	18357.73	1.261	5.239	14.6251	15.497	203.905	24.052	1.006	.102	.618
4800.	450.0	18624.44	1.258	5.337	14.6867	15.555	210.847	24.247	1.007	.101	.614
4850.	450.0	18891.14	1.255	5.435	14.7483	15.613	217.788	24.442	1.007	.100	.610
4900.	450.0	19157.84	1.252	5.533	14.8098	15.671	224.730	24.637	1.008	.099	.607
4950.	450.0	19424.55	1.250	5.631	14.8714	15.729	231.671	24.832	1.008	.098	.604
5000.	450.0	19691.25	1.247	5.729	14.9330	15.787	238.612	25.027	1.009	.097	.601

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTJ/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
										K=9200	
36.	500.0	-96.99	1.508	2.031	4.3555	1.727	16.282	9.491	.558	27.066	1.184
38.	500.0	-92.72	1.557	2.144	4.3683	1.840	16.094	8.764	.537	26.645	1.167
40.	500.0	-88.46	1.605	2.255	4.7811	1.952	15.906	8.037	.516	26.344	1.140
42.	500.0	-83.70	1.666	2.380	4.6835	2.066	15.759	7.493	.500	25.885	1.132
44.	500.0	-78.95	1.727	2.503	4.5863	2.179	15.612	6.949	.484	25.518	1.114
46.	500.0	-73.67	1.803	2.644	4.4756	2.294	15.481	6.511	.472	25.024	1.112
48.	500.0	-68.39	1.878	2.785	4.3652	2.409	15.350	6.074	.460	24.602	1.102
50.	500.0	-62.52	1.969	2.944	4.2435	2.526	15.215	5.709	.452	24.058	1.105
52.	500.0	-56.64	2.060	3.104	4.1219	2.644	15.080	5.344	.443	23.572	1.100
54.	500.0	-50.04	2.183	3.314	3.9827	2.766	14.921	5.028	.438	22.957	1.117
56.	500.0	-43.44	2.306	3.525	3.8436	2.888	14.763	4.713	.433	22.391	1.125
58.	500.0	-36.03	2.424	3.702	3.6910	3.016	14.571	4.432	.432	21.698	1.126
60.	500.0	-28.62	2.542	3.879	3.5384	3.144	14.380	4.151	.430	21.051	1.120
62.	500.0	-19.86	2.815	4.363	3.3691	3.286	14.121	3.891	.434	20.207	1.202
64.	500.0	-11.06	3.026	4.715	3.1983	3.428	13.863	3.628	.437	19.415	1.234
66.	500.0	-5.57	3.297	5.180	3.0287	3.587	13.520	3.389	.448	18.368	1.298
68.	500.0	9.92	3.568	5.644	2.8592	3.745	13.177	3.149	.459	17.405	1.349
70.	500.0	21.58	3.802	6.061	2.7094	3.914	12.782	2.930	.476	16.297	1.389
72.	500.0	34.41	3.999	6.431	2.5793	4.093	12.337	2.731	.500	15.099	1.423
74.	500.0	47.24	4.195	6.800	2.4493	4.273	11.892	2.531	.523	14.031	1.447
76.	500.0	60.63	4.077	6.623	2.3980	4.448	11.538	2.404	.556	12.869	1.380
78.	500.0	74.02	3.959	6.446	2.3467	4.623	11.185	2.276	.588	11.851	1.312
80.	500.0	86.56	3.788	6.165	2.3216	4.782	10.931	2.179	.619	10.975	1.229
82.	500.0	98.25	3.564	5.779	2.3227	4.926	10.778	2.114	.649	10.215	1.134
84.	500.0	111.94	3.210	5.158	2.3396	5.102	10.623	2.030	.690	9.377	.986
86.	500.0	121.13	3.088	4.959	2.3578	5.205	10.578	2.009	.710	8.900	.942
88.	500.0	130.32	2.965	4.760	2.3759	5.308	10.533	1.988	.730	8.459	.899
90.	500.0	139.51	2.843	4.561	2.3941	5.412	10.488	1.968	.750	8.049	.856
92.	500.0	148.70	2.720	4.363	2.4122	5.515	10.443	1.947	.770	7.669	.813
94.	500.0	157.88	2.598	4.164	2.4303	5.618	10.398	1.926	.790	7.315	.771
96.	500.0	165.67	2.533	4.066	2.4536	5.696	10.408	1.927	.803	7.048	.753
98.	500.0	173.45	2.468	3.967	2.4768	5.775	10.418	1.927	.816	6.795	.734
100.	500.0	181.23	2.403	3.869	2.5000	5.853	10.428	1.928	.829	6.556	.715
102.	500.0	189.01	2.338	3.771	2.5232	5.931	10.438	1.928	.842	6.329	.697
104.	500.0	197.04	2.270	3.655	2.5587	6.055	10.284	1.938	.859	6.084	.683
106.	500.0	203.77	2.240	3.625	2.5780	6.112	10.337	1.950	.865	5.926	.684
108.	500.0	210.51	2.210	3.596	2.5972	6.169	10.390	1.962	.872	5.774	.679
110.	500.0	217.24	2.181	3.566	2.6165	6.226	10.444	1.974	.878	5.628	.674
112.	500.0	223.98	2.151	3.537	2.6358	6.283	10.497	1.986	.884	5.488	.669
114.	500.0	230.71	2.121	3.507	2.6551	6.340	10.550	1.998	.891	5.353	.664
116.	500.0	237.45	2.091	3.478	2.6744	6.397	10.603	2.011	.897	5.224	.659
118.	500.0	244.18	2.061	3.448	2.6936	6.454	10.657	2.023	.903	5.100	.654
120.	500.0	250.91	2.032	3.418	2.7129	6.511	10.710	2.035	.909	4.980	.649
122.	500.0	257.65	2.002	3.389	2.7322	6.568	10.763	2.047	.916	4.864	.644
124.	500.0	264.38	1.972	3.359	2.7515	6.624	10.816	2.059	.922	4.753	.639
126.	500.0	271.12	1.942	3.330	2.7708	6.681	10.870	2.071	.928	4.646	.634
128.	500.0	277.85	1.912	3.300	2.7901	6.738	10.923	2.083	.935	4.542	.629
130.	500.0	284.58	1.883	3.271	2.8093	6.795	10.976	2.095	.941	4.442	.624
132.	500.0	291.32	1.853	3.241	2.8286	6.852	11.030	2.108	.947	4.346	.619
134.	500.0	298.05	1.823	3.211	2.8478	6.909	11.083	2.120	.954	4.253	.614
136.	500.0	304.78	1.793	3.182	2.8671	6.966	11.136	2.132	.960	4.163	.609
138.	500.0	311.26	1.780	3.192	2.8807	7.008	11.227	2.149	.962	4.093	.611
140.	500.0	317.73	1.768	3.203	2.8942	7.051	11.318	2.166	.964	4.026	.613
142.	500.0	324.21	1.755	3.213	2.9077	7.093	11.409	2.183	.966	3.961	.615
144.	500.0	330.68	1.742	3.224	2.9212	7.136	11.499	2.200	.968	3.897	.617
146.	500.0	337.15	1.730	3.234	2.9347	7.178	11.590	2.217	.971	3.835	.619
148.	500.0	343.63	1.717	3.245	2.9482	7.221	11.681	2.235	.973	3.775	.621
150.	500.0	350.10	1.704	3.255	2.9617	7.263	11.772	2.252	.975	3.717	.623

152.	500.0	356.57	1.692	3.206	2.9752	7.306	11.863	2.269	.977	3.660	.625
154.	500.0	363.05	1.679	3.276	2.9887	7.348	11.954	2.286	.979	3.605	.627
156.	500.0	369.52	1.666	3.287	3.0023	7.390	12.044	2.303	.981	3.551	.629
158.	500.0	375.99	1.654	3.297	3.0159	7.433	12.135	2.320	.983	3.498	.630
160.	500.0	382.47	1.641	3.308	3.0293	7.475	12.226	2.338	.985	3.447	.632
162.	500.0	388.94	1.628	3.318	3.0428	7.518	12.317	2.355	.987	3.398	.634
164.	500.0	395.41	1.615	3.329	3.0563	7.560	12.408	2.372	.990	3.349	.636
166.	500.0	401.89	1.603	3.339	3.0698	7.603	12.499	2.389	.992	3.302	.638
168.	500.0	408.36	1.590	3.350	3.0833	7.645	12.589	2.406	.994	3.255	.640
170.	500.0	415.38	1.582	3.367	3.0949	7.684	12.704	2.423	.995	3.214	.642
172.	500.0	422.40	1.574	3.385	3.1065	7.723	12.819	2.440	.996	3.173	.644
174.	500.0	429.41	1.566	3.402	3.1181	7.761	12.933	2.456	.997	3.133	.646
176.	500.0	436.43	1.558	3.420	3.1297	7.800	13.048	2.473	.998	3.094	.648
178.	500.0	443.45	1.550	3.437	3.1413	7.839	13.162	2.490	.999	3.056	.650
180.	500.0	450.47	1.541	3.455	3.1528	7.878	13.277	2.507	1.000	3.019	.652
185.	500.0	468.02	1.521	3.498	3.1818	7.974	13.564	2.548	1.003	2.930	.657
190.	500.0	485.56	1.501	3.542	3.2108	8.071	13.850	2.590	1.005	2.845	.662
195.	500.0	503.11	1.481	3.586	3.2397	8.168	14.137	2.632	1.008	2.765	.668
200.	500.0	519.24	1.455	3.663	3.2685	8.279	14.568	2.680	1.011	2.687	.674
205.	500.0	538.70	1.449	3.681	3.3000	8.358	14.821	2.718	1.012	2.620	.675
210.	500.0	558.17	1.444	3.699	3.3315	8.437	15.073	2.757	1.013	2.556	.677
215.	500.0	577.63	1.439	3.717	3.3630	8.516	15.326	2.795	1.013	2.495	.678
220.	500.0	597.09	1.433	3.735	3.3944	8.595	15.579	2.834	1.014	2.436	.679
225.	500.0	616.55	1.428	3.754	3.4259	8.674	15.831	2.872	1.015	2.380	.681
230.	500.0	636.02	1.423	3.772	3.4574	8.753	16.084	2.911	1.015	2.327	.683
235.	500.0	655.48	1.417	3.790	3.4889	8.832	16.336	2.949	1.016	2.276	.684
240.	500.0	674.94	1.412	3.808	3.5204	8.911	16.589	2.988	1.017	2.227	.686
245.	500.0	694.41	1.407	3.826	3.5519	8.990	16.842	3.026	1.017	2.180	.688
250.	500.0	713.87	1.401	3.845	3.5833	9.069	17.094	3.065	1.018	2.135	.689
255.	500.0	733.33	1.396	3.863	3.6148	9.148	17.347	3.103	1.019	2.092	.691
260.	500.0	752.80	1.391	3.881	3.6463	9.227	17.599	3.142	1.020	2.050	.693
265.	500.0	772.26	1.385	3.899	3.6778	9.306	17.852	3.180	1.020	2.010	.695
270.	500.0	791.72	1.380	3.917	3.7093	9.385	18.104	3.219	1.021	1.972	.696
275.	500.0	811.18	1.375	3.935	3.7408	9.465	18.357	3.257	1.022	1.935	.698
280.	500.0	830.65	1.370	3.954	3.7723	9.544	18.610	3.296	1.022	1.899	.700
285.	500.0	850.11	1.364	3.972	3.8037	9.623	18.862	3.334	1.023	1.864	.702
290.	500.0	869.57	1.359	3.990	3.8352	9.702	19.115	3.373	1.024	1.831	.704
295.	500.0	889.04	1.354	4.008	3.8667	9.781	19.367	3.411	1.024	1.799	.706
300.	500.0	908.50	1.348	4.026	3.8982	9.860	19.620	3.449	1.025	1.767	.708
305.	500.0	928.12	1.349	4.015	3.9292	9.915	19.746	3.486	1.025	1.739	.709
310.	500.0	947.73	1.350	4.004	3.9602	9.971	19.873	3.522	1.025	1.711	.709
315.	500.0	967.35	1.352	3.992	3.9912	10.026	19.999	3.558	1.025	1.684	.710
320.	500.0	986.97	1.353	3.981	4.0222	10.081	20.125	3.594	1.025	1.657	.711
325.	500.0	1006.59	1.354	3.969	4.0532	10.137	20.251	3.630	1.025	1.632	.711
330.	500.0	1026.20	1.355	3.958	4.0842	10.192	20.378	3.666	1.025	1.607	.712
335.	500.0	1045.82	1.356	3.946	4.1152	10.247	20.504	3.702	1.025	1.583	.712
340.	500.0	1065.44	1.357	3.935	4.1462	10.303	20.630	3.738	1.024	1.560	.713
345.	500.0	1085.06	1.358	3.924	4.1772	10.358	20.756	3.774	1.024	1.538	.713
350.	500.0	1104.67	1.359	3.912	4.2082	10.413	20.883	3.810	1.024	1.516	.714
355.	500.0	1124.29	1.360	3.901	4.2392	10.469	21.009	3.846	1.024	1.495	.714
360.	500.0	1143.91	1.361	3.889	4.2702	10.524	21.135	3.882	1.024	1.474	.714
365.	500.0	1163.53	1.362	3.878	4.3012	10.580	21.261	3.918	1.024	1.454	.715
370.	500.0	1183.14	1.363	3.866	4.3322	10.635	21.388	3.954	1.024	1.434	.715
375.	500.0	1202.76	1.364	3.855	4.3632	10.690	21.514	3.990	1.024	1.415	.715
380.	500.0	1222.38	1.366	3.843	4.3942	10.746	21.640	4.026	1.024	1.397	.715
385.	500.0	1242.00	1.367	3.832	4.4252	10.801	21.766	4.062	1.024	1.379	.715
390.	500.0	1261.61	1.368	3.821	4.4562	10.856	21.893	4.098	1.024	1.361	.715
395.	500.0	1281.23	1.369	3.809	4.4872	10.912	22.019	4.134	1.024	1.344	.715
400.	500.0	1303.09	1.372	3.774	4.5341	11.166	22.417	4.183	1.024	1.327	.704
420.	500.0	1375.08	1.374	3.750	4.6353	11.307	22.990	4.305	1.024	1.264	.702
440.	500.0	1447.07	1.376	3.727	4.7365	11.447	23.563	4.427	1.023	1.207	.700
460.	500.0	1519.05	1.378	3.704	4.8379	11.587	24.136	4.549	1.023	1.155	.698

480.	500.0	1591.04	1.380	3.680	4.9391	11.727	24.709	4.670	1.022	1.108	.696
500.	500.0	1663.03	1.383	3.657	5.0404	11.367	25.282	4.792	1.022	1.064	.693
520.	500.0	1735.02	1.385	3.634	5.1416	12.007	25.855	4.914	1.021	1.023	.691
540.	500.0	1807.01	1.387	3.611	5.2429	12.147	26.428	5.036	1.021	.986	.688
560.	500.0	1879.00	1.389	3.587	5.3441	12.287	27.001	5.158	1.020	.951	.685
580.	500.0	1950.99	1.391	3.564	5.4454	12.427	27.573	5.279	1.020	.919	.682
600.	500.0	2022.98	1.393	3.541	5.5467	12.567	28.146	5.401	1.019	.889	.679
620.	500.0	2094.97	1.396	3.517	5.6479	12.707	28.719	5.523	1.019	.861	.676
640.	500.0	2166.95	1.398	3.494	5.7492	12.847	29.292	5.645	1.018	.834	.673
660.	500.0	2237.64	1.399	3.482	5.8390	12.961	29.889	5.760	1.018	.809	.671
680.	500.0	2307.03	1.399	3.482	5.9174	13.048	30.511	5.868	1.017	.786	.670
700.	500.0	2376.42	1.398	3.482	5.9959	13.135	31.132	5.977	1.017	.763	.668
720.	500.0	2445.81	1.398	3.482	6.0743	13.224	31.753	6.085	1.017	.742	.667
740.	500.0	2515.20	1.398	3.482	6.1527	13.312	32.375	6.194	1.016	.723	.666
760.	500.0	2584.59	1.398	3.482	6.2312	13.400	32.996	6.302	1.016	.704	.665
780.	500.0	2653.98	1.398	3.481	6.3096	13.488	33.617	6.410	1.016	.686	.664
800.	500.0	2723.37	1.398	3.481	6.3880	13.576	34.239	6.519	1.015	.669	.663
820.	500.0	2792.76	1.397	3.481	6.4665	13.664	34.860	6.627	1.015	.653	.662
840.	500.0	2862.15	1.397	3.481	6.5449	13.751	35.481	6.736	1.015	.638	.661
860.	500.0	2931.54	1.397	3.481	6.6233	13.839	36.103	6.844	1.014	.623	.660
880.	500.0	3000.93	1.397	3.480	6.7017	13.927	36.724	6.952	1.014	.609	.659
900.	500.0	3070.32	1.397	3.480	6.7802	14.015	37.345	7.061	1.013	.596	.658
920.	500.0	3139.92	1.397	3.480	6.8488	14.083	38.036	7.165	1.013	.583	.656
940.	500.0	3209.51	1.397	3.480	6.9175	14.151	38.726	7.269	1.013	.571	.653
960.	500.0	3279.11	1.397	3.479	6.9861	14.219	39.417	7.373	1.013	.559	.651
980.	500.0	3348.70	1.396	3.479	7.0547	14.287	40.107	7.477	1.013	.548	.649
1000.	500.0	3418.30	1.396	3.479	7.1234	14.355	40.798	7.581	1.012	.537	.646
1050.	500.0	3592.29	1.396	3.478	7.2950	14.524	42.524	7.841	1.012	.512	.641
1100.	500.0	3766.27	1.396	3.477	7.4666	14.694	44.250	8.101	1.011	.489	.637
1150.	500.0	3940.26	1.396	3.477	7.6381	14.864	45.976	8.361	1.011	.468	.632
1200.	500.0	4114.83	1.395	3.483	7.7882	15.000	46.959	8.638	1.010	.448	.641
1250.	500.0	4289.40	1.394	3.490	7.9383	15.137	47.943	8.916	1.010	.431	.649
1300.	500.0	4463.97	1.392	3.496	8.0884	15.273	48.926	9.194	1.009	.414	.657
1350.	500.0	4638.54	1.391	3.503	8.2385	15.410	49.910	9.471	1.009	.399	.665
1400.	500.0	4810.91	1.391	3.505	8.3994	15.557	50.313	9.779	1.009	.385	.681
1450.	500.0	4988.67	1.389	3.516	8.5284	15.663	51.738	10.018	1.008	.372	.681
1500.	500.0	5166.42	1.388	3.526	8.6574	15.770	53.164	10.257	1.008	.359	.680
1550.	500.0	5344.18	1.386	3.536	8.7864	15.876	54.589	10.496	1.008	.348	.680
1600.	500.0	5521.93	1.384	3.546	8.9154	15.982	56.014	10.735	1.008	.337	.680
1650.	500.0	5699.69	1.383	3.556	9.0445	16.088	57.440	10.973	1.007	.327	.679
1700.	500.0	5877.44	1.381	3.567	9.1735	16.195	58.865	11.212	1.007	.317	.679
1750.	500.0	6055.20	1.380	3.577	9.3025	16.301	60.290	11.451	1.007	.308	.679
1800.	500.0	6232.95	1.378	3.587	9.4315	16.407	61.715	11.690	1.007	.300	.679
1850.	500.0	6410.71	1.377	3.597	9.5605	16.513	63.141	11.929	1.006	.292	.680
1900.	500.0	6588.46	1.375	3.608	9.6896	16.620	64.566	12.167	1.006	.284	.680
1950.	500.0	6766.22	1.374	3.618	9.8186	16.726	65.991	12.406	1.006	.277	.680
2000.	500.0	6943.97	1.372	3.628	9.9476	16.832	67.417	12.645	1.006	.270	.680
2050.	500.0	7129.54	1.370	3.642	10.0537	16.912	68.934	12.867	1.006	.264	.680
2100.	500.0	7315.10	1.368	3.657	10.1597	16.992	70.451	13.089	1.006	.257	.679
2150.	500.0	7500.66	1.366	3.671	10.2658	17.073	71.967	13.311	1.005	.251	.679
2200.	500.0	7686.22	1.365	3.686	10.3719	17.153	73.484	13.533	1.005	.246	.679
2250.	500.0	7871.78	1.363	3.701	10.4779	17.233	75.001	13.755	1.005	.240	.679
2300.	500.0	8057.34	1.361	3.715	10.5840	17.313	76.518	13.977	1.005	.235	.679
2350.	500.0	8242.90	1.359	3.730	10.6901	17.393	78.035	14.200	1.005	.230	.679
2400.	500.0	8428.46	1.357	3.744	10.7961	17.473	79.552	14.422	1.005	.225	.679
2450.	500.0	8614.02	1.355	3.759	10.9022	17.553	81.069	14.644	1.005	.221	.679
2500.	500.0	8799.58	1.353	3.773	11.0082	17.633	82.586	14.866	1.005	.216	.679
2550.	500.0	8985.14	1.351	3.788	11.1143	17.714	84.103	15.088	1.004	.212	.679
2600.	500.0	9170.70	1.349	3.802	11.2204	17.794	85.620	15.310	1.004	.208	.680
2650.	500.0	9364.85	1.348	3.816	11.3138	17.861	87.189	15.522	1.004	.204	.679
2700.	500.0	9559.00	1.346	3.831	11.4072	17.928	88.758	15.734	1.004	.200	.679
2750.	500.0	9753.15	1.344	3.845	11.5006	17.995	90.327	15.946	1.004	.197	.679

2800.	500.0	9947.30	1.343	3.859	11.5943	13.062	91.836	16.158	1.004	.193	.679
2850.	500.0	10141.45	1.341	3.874	11.6875	13.129	93.466	16.370	1.004	.190	.678
2900.	500.0	10335.63	1.339	3.888	11.7909	13.196	95.035	16.581	1.004	.187	.678
2950.	500.0	10529.75	1.338	3.902	11.8743	13.263	96.604	16.793	1.004	.184	.678
3000.	500.0	10723.90	1.336	3.917	11.9577	13.330	98.173	17.005	1.004	.180	.678
3050.	500.0	10918.05	1.334	3.931	12.0611	13.397	99.742	17.217	1.004	.178	.679
3100.	500.0	11112.20	1.333	3.945	12.1545	13.464	101.312	17.429	1.004	.175	.679
3150.	500.0	11306.35	1.331	3.959	12.2483	13.531	102.881	17.641	1.003	.172	.679
3200.	500.0	11500.50	1.329	3.974	12.3414	13.598	104.450	17.853	1.003	.169	.679
3250.	500.0	11705.06	1.328	3.994	12.4235	13.656	106.381	18.057	1.003	.167	.678
3300.	500.0	11909.62	1.326	4.014	12.5057	13.715	108.311	18.261	1.003	.164	.677
3350.	500.0	12114.19	1.324	4.034	12.5879	13.773	110.242	18.465	1.003	.162	.676
3400.	500.0	12318.75	1.322	4.054	12.6701	13.831	112.172	18.669	1.003	.159	.675
3450.	500.0	12523.31	1.320	4.075	12.7523	13.889	114.103	18.873	1.003	.157	.674
3500.	500.0	12727.88	1.319	4.095	12.8345	13.947	116.033	19.077	1.003	.155	.673
3550.	500.0	12932.44	1.317	4.115	12.9157	13.005	117.964	19.281	1.003	.153	.673
3600.	500.0	13137.00	1.315	4.135	12.9989	13.063	119.894	19.485	1.003	.150	.672
3650.	500.0	13341.56	1.313	4.155	13.0811	13.122	121.825	19.689	1.003	.148	.672
3700.	500.0	13546.12	1.312	4.175	13.1632	13.180	123.755	19.893	1.003	.146	.671
3750.	500.0	13750.69	1.310	4.196	13.2454	13.238	125.686	20.097	1.003	.144	.671
3800.	500.0	13952.75	1.309	4.204	13.3292	13.123	127.070	20.299	1.003	.143	.672
3850.	500.0	14168.44	1.307	4.235	13.4032	13.178	129.704	20.499	1.003	.141	.669
3900.	500.0	14384.13	1.305	4.267	13.4772	13.232	132.338	20.698	1.003	.139	.667
3950.	500.0	14599.81	1.302	4.299	13.5512	13.286	134.972	20.898	1.003	.137	.666
4000.	500.0	14815.50	1.300	4.331	13.6252	13.340	137.606	21.097	1.003	.135	.664
4050.	500.0	15031.19	1.298	4.363	13.6992	13.394	140.240	21.297	1.003	.134	.662
4100.	500.0	15246.88	1.296	4.394	13.7732	13.448	142.874	21.496	1.003	.132	.661
4150.	500.0	15462.56	1.294	4.426	13.8472	13.502	145.508	21.696	1.003	.131	.660
4200.	500.0	15678.25	1.292	4.458	13.9212	13.556	148.142	21.895	1.003	.129	.659
4250.	500.0	15910.69	1.289	4.513	13.9877	13.609	152.181	22.092	1.004	.127	.655
4300.	500.0	16143.13	1.287	4.567	14.0542	13.662	156.219	22.288	1.004	.126	.652
4350.	500.0	16375.56	1.284	4.622	14.1207	13.715	160.257	22.485	1.004	.124	.648
4400.	500.0	16608.00	1.281	4.676	14.1872	13.768	164.295	22.681	1.004	.123	.646
4450.	500.0	16840.44	1.279	4.731	14.2537	13.821	168.333	22.878	1.004	.122	.643
4500.	500.0	17072.88	1.276	4.785	14.3202	13.874	172.371	23.074	1.005	.120	.641
4550.	500.0	17305.31	1.274	4.840	14.3867	13.927	176.409	23.271	1.005	.119	.638
4600.	500.0	17537.75	1.271	4.894	14.4532	13.980	180.447	23.467	1.005	.118	.636
4650.	500.0	17800.59	1.268	4.986	14.5151	20.035	186.591	23.662	1.005	.116	.631
4700.	500.0	18063.44	1.266	5.077	14.5769	20.089	193.534	23.856	1.006	.115	.626
4750.	500.0	18326.28	1.263	5.168	14.6388	20.144	200.073	24.051	1.006	.114	.621
4800.	500.0	18589.13	1.260	5.260	14.7036	20.199	206.621	24.246	1.007	.112	.617
4850.	500.0	18851.97	1.257	5.351	14.7625	20.253	213.165	24.441	1.007	.111	.614
4900.	500.0	19114.81	1.255	5.442	14.8243	20.308	219.709	24.635	1.008	.110	.610
4950.	500.0	19377.65	1.252	5.534	14.8862	20.363	226.252	24.830	1.008	.109	.607
5000.	500.0	19640.50	1.249	5.625	14.9483	20.417	232.795	25.025	1.009	.108	.605

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	600.0	-93.54	1.486	1.999	5.3614	1.702	16.498	9.869	.664	27.297	1.196
38.	600.0	-89.75	1.531	2.106	4.9777	1.813	16.295	9.115	.638	26.891	1.178
40.	600.0	-85.56	1.576	2.212	4.8941	1.924	15.093	8.361	.613	26.607	1.149
42.	600.0	-80.91	1.631	2.327	4.8045	2.034	15.939	7.800	.593	26.169	1.139
44.	600.0	-76.26	1.685	2.441	4.7149	2.145	15.785	7.240	.574	25.823	1.120
46.	600.0	-71.14	1.751	2.567	4.6128	2.257	15.656	6.794	.559	25.358	1.114
48.	600.0	-66.01	1.817	2.693	4.5108	2.368	15.527	6.347	.544	24.965	1.101
50.	600.0	-60.36	1.895	2.834	4.3991	2.481	15.402	5.979	.533	24.459	1.100
52.	600.0	-54.70	1.972	2.975	4.2875	2.595	15.278	5.610	.522	24.012	1.092
54.	600.0	-48.45	2.066	3.135	4.1645	2.711	15.142	5.296	.515	23.455	1.097
56.	600.0	-42.19	2.159	3.295	4.0416	2.827	15.007	4.982	.508	22.947	1.094
58.	600.0	-35.22	2.281	3.503	3.9083	2.947	14.846	4.706	.504	22.324	1.111
60.	600.0	-28.25	2.402	3.711	3.7751	3.067	14.685	4.430	.500	21.745	1.120
62.	600.0	-20.41	2.531	3.921	3.6333	3.193	14.489	4.185	.500	21.033	1.133
64.	600.0	-12.21	2.448	3.762	3.5132	3.330	14.318	3.935	.505	20.190	1.034
66.	600.0	-3.09	2.668	4.133	3.3721	3.463	14.049	3.732	.511	19.344	1.098
68.	600.0	6.03	2.887	4.504	3.2310	3.595	13.780	3.529	.517	18.554	1.154
70.	600.0	15.16	3.106	4.875	3.0930	3.728	13.510	3.326	.523	17.813	1.200
72.	600.0	24.28	3.326	5.246	2.9489	3.860	13.241	3.124	.529	17.118	1.238
74.	600.0	33.40	3.545	5.617	2.8078	3.993	12.972	2.921	.535	16.466	1.265
76.	600.0	45.30	3.542	5.635	2.7432	4.144	12.658	2.798	.559	15.359	1.246
78.	600.0	57.20	3.539	5.654	2.6787	4.294	12.345	2.675	.582	14.361	1.225
80.	600.0	69.09	3.536	5.672	2.6141	4.445	12.031	2.552	.606	13.459	1.203
82.	600.0	80.99	3.532	5.691	2.5496	4.596	11.718	2.429	.629	12.641	1.180
84.	600.0	92.89	3.529	5.709	2.4850	4.747	11.404	2.307	.653	11.896	1.155
86.	600.0	103.01	3.383	5.470	2.4904	4.861	11.329	2.266	.675	11.240	1.094
88.	600.0	113.13	3.237	5.230	2.4958	4.974	11.253	2.225	.697	10.638	1.034
90.	600.0	123.26	3.090	4.990	2.5011	5.088	11.178	2.185	.719	10.083	.975
92.	600.0	133.38	2.944	4.750	2.5065	5.202	11.102	2.144	.741	9.571	.917
94.	600.0	143.50	2.798	4.510	2.5119	5.316	11.027	2.103	.763	9.097	.860
96.	600.0	151.85	2.720	4.392	2.5303	5.400	11.043	2.093	.777	8.741	.832
98.	600.0	160.20	2.643	4.273	2.5487	5.484	11.059	2.082	.792	8.406	.805
100.	600.0	168.56	2.565	4.155	2.5671	5.568	11.076	2.072	.806	8.090	.777
102.	600.0	176.91	2.488	4.036	2.5855	5.652	11.092	2.061	.821	7.791	.750
104.	600.0	185.16	2.407	3.904	2.5969	5.701	11.193	2.034	.835	7.513	.709
106.	600.0	192.22	2.372	3.864	2.6157	5.761	11.241	2.043	.842	7.306	.702
108.	600.0	199.28	2.336	3.825	2.6344	5.820	11.288	2.052	.850	7.108	.695
110.	600.0	206.34	2.301	3.786	2.6532	5.880	11.336	2.061	.857	6.918	.688
112.	600.0	213.40	2.265	3.746	2.6720	5.940	11.384	2.070	.865	6.735	.681
114.	600.0	220.46	2.229	3.707	2.6908	5.999	11.431	2.079	.872	6.561	.674
116.	600.0	227.52	2.194	3.668	2.7095	6.059	11.479	2.088	.879	6.393	.667
118.	600.0	234.58	2.158	3.628	2.7283	6.119	11.527	2.097	.887	6.231	.660
120.	600.0	241.64	2.122	3.589	2.7471	6.178	11.574	2.106	.894	6.076	.653
122.	600.0	248.70	2.087	3.550	2.7659	6.238	11.622	2.115	.902	5.927	.646
124.	600.0	255.76	2.051	3.511	2.7846	6.298	11.670	2.124	.909	5.784	.639
126.	600.0	262.82	2.016	3.471	2.8034	6.358	11.718	2.133	.917	5.646	.632
128.	600.0	269.88	1.980	3.432	2.8222	6.417	11.765	2.142	.924	5.512	.625
130.	600.0	276.94	1.944	3.393	2.8410	6.477	11.813	2.151	.932	5.384	.618
132.	600.0	284.00	1.909	3.353	2.8597	6.537	11.861	2.160	.939	5.260	.611
134.	600.0	291.06	1.873	3.314	2.8785	6.596	11.908	2.169	.947	5.141	.604
136.	600.0	298.12	1.837	3.275	2.8973	6.656	11.956	2.178	.954	5.026	.596
138.	600.0	304.73	1.823	3.283	2.9107	6.699	12.041	2.194	.957	4.940	.598
140.	600.0	311.34	1.809	3.291	2.9241	6.743	12.125	2.210	.959	4.857	.600
142.	600.0	317.96	1.795	3.299	2.9375	6.786	12.210	2.227	.962	4.776	.602
144.	600.0	324.57	1.781	3.307	2.9508	6.829	12.295	2.243	.964	4.698	.603
146.	600.0	331.18	1.767	3.316	2.9642	6.873	12.380	2.260	.967	4.622	.605
148.	600.0	337.79	1.753	3.324	2.9775	6.916	12.464	2.276	.969	4.548	.607
150.	600.0	344.40	1.739	3.332	2.9910	6.959	12.549	2.292	.971	4.475	.609

152.	600.0	351.01	1.725	3.340	3.0044	7.003	12.634	2.309	.974	4.405	.610
154.	600.0	357.53	1.711	3.348	3.0178	7.046	12.719	2.325	.976	4.337	.612
156.	600.0	364.24	1.697	3.357	3.0312	7.089	12.803	2.342	.979	4.271	.614
158.	600.0	370.85	1.683	3.365	3.0445	7.133	12.888	2.358	.981	4.206	.616
160.	600.0	377.45	1.669	3.373	3.0579	7.176	12.973	2.374	.984	4.143	.617
162.	600.0	384.07	1.655	3.381	3.0713	7.219	13.058	2.391	.986	4.082	.619
164.	600.0	390.69	1.641	3.389	3.0847	7.263	13.142	2.407	.989	4.022	.621
166.	600.0	397.30	1.627	3.398	3.0981	7.306	13.227	2.424	.991	3.963	.623
168.	600.0	403.91	1.613	3.406	3.1115	7.349	13.312	2.440	.994	3.906	.624
170.	600.0	411.02	1.604	3.422	3.1233	7.389	13.421	2.456	.995	3.856	.626
172.	600.0	418.12	1.596	3.439	3.1345	7.428	13.531	2.473	.996	3.806	.628
174.	600.0	425.23	1.587	3.455	3.1460	7.467	13.640	2.489	.997	3.758	.630
176.	600.0	432.34	1.578	3.472	3.1574	7.506	13.749	2.505	.999	3.711	.633
178.	600.0	439.44	1.569	3.488	3.1689	7.546	13.859	2.522	1.000	3.664	.635
180.	600.0	446.55	1.560	3.504	3.1804	7.585	13.968	2.538	1.001	3.619	.637
185.	600.0	464.32	1.538	3.546	3.2091	7.683	14.241	2.579	1.004	3.511	.642
190.	600.0	482.09	1.516	3.587	3.2379	7.781	14.514	2.619	1.007	3.408	.647
195.	600.0	499.85	1.494	3.628	3.2566	7.879	14.788	2.660	1.010	3.310	.653
200.	600.0	516.30	1.466	3.700	3.2951	7.991	15.206	2.708	1.014	3.215	.659
205.	600.0	535.88	1.461	3.717	3.3265	8.071	15.447	2.745	1.015	3.134	.661
210.	600.0	555.47	1.455	3.734	3.3580	8.150	15.688	2.783	1.016	3.057	.662
215.	600.0	575.05	1.449	3.751	3.3894	8.230	15.929	2.821	1.017	2.984	.664
220.	600.0	594.64	1.444	3.768	3.4209	8.309	16.170	2.858	1.017	2.914	.666
225.	600.0	614.22	1.438	3.785	3.4523	8.389	16.411	2.896	1.018	2.847	.668
230.	600.0	633.81	1.432	3.802	3.4837	8.469	16.652	2.933	1.019	2.783	.670
235.	600.0	653.39	1.426	3.819	3.5152	8.548	16.893	2.971	1.020	2.721	.672
240.	600.0	672.98	1.421	3.836	3.5466	8.628	17.134	3.009	1.021	2.663	.674
245.	600.0	692.56	1.415	3.853	3.5781	8.707	17.375	3.046	1.021	2.606	.676
250.	600.0	712.15	1.409	3.870	3.6095	8.787	17.615	3.084	1.022	2.552	.677
255.	600.0	731.73	1.403	3.887	3.6409	8.866	17.856	3.121	1.023	2.500	.679
260.	600.0	751.32	1.398	3.904	3.6724	8.946	18.097	3.159	1.024	2.450	.681
265.	600.0	770.90	1.392	3.921	3.7038	9.026	18.338	3.196	1.025	2.402	.683
270.	600.0	790.49	1.386	3.938	3.7353	9.105	18.579	3.234	1.025	2.356	.685
275.	600.0	810.07	1.380	3.955	3.7557	9.185	18.820	3.272	1.026	2.311	.687
280.	600.0	829.66	1.375	3.972	3.7981	9.264	19.061	3.309	1.027	2.268	.690
285.	600.0	849.24	1.369	3.989	3.8296	9.344	19.302	3.347	1.028	2.227	.692
290.	600.0	868.83	1.363	4.006	3.8610	9.423	19.543	3.384	1.029	2.187	.694
295.	600.0	888.41	1.357	4.023	3.8925	9.503	19.784	3.422	1.029	2.148	.696
300.	600.0	908.00	1.352	4.040	3.9239	9.583	20.025	3.459	1.030	2.110	.698
305.	600.0	927.66	1.353	4.028	3.9549	9.638	20.143	3.495	1.030	2.076	.699
310.	600.0	947.33	1.354	4.016	3.9859	9.694	20.262	3.531	1.030	2.043	.700
315.	600.0	966.99	1.355	4.005	4.0158	9.749	20.380	3.567	1.030	2.010	.701
320.	600.0	986.66	1.356	3.993	4.0478	9.804	20.499	3.603	1.030	1.979	.702
325.	600.0	1006.32	1.357	3.981	4.0788	9.860	20.617	3.638	1.030	1.949	.703
330.	600.0	1025.99	1.358	3.969	4.1098	9.915	20.736	3.674	1.030	1.919	.703
335.	600.0	1045.65	1.359	3.958	4.1408	9.971	20.854	3.710	1.030	1.891	.704
340.	600.0	1065.32	1.360	3.946	4.1717	10.026	20.973	3.746	1.029	1.863	.705
345.	600.0	1084.98	1.361	3.934	4.2027	10.082	21.091	3.781	1.029	1.836	.705
350.	600.0	1104.65	1.362	3.922	4.2337	10.137	21.210	3.817	1.029	1.810	.706
355.	600.0	1124.31	1.363	3.911	4.2647	10.193	21.328	3.853	1.029	1.785	.706
360.	600.0	1143.98	1.364	3.899	4.2957	10.248	21.447	3.889	1.029	1.760	.707
365.	600.0	1163.64	1.365	3.887	4.3266	10.304	21.565	3.924	1.029	1.736	.707
370.	600.0	1183.31	1.366	3.875	4.3575	10.359	21.684	3.960	1.029	1.713	.708
375.	600.0	1202.97	1.367	3.864	4.3886	10.415	21.802	3.996	1.029	1.690	.708
380.	600.0	1222.64	1.368	3.852	4.4195	10.470	21.921	4.032	1.029	1.668	.708
385.	600.0	1242.30	1.369	3.840	4.4505	10.525	22.039	4.067	1.029	1.647	.709
390.	600.0	1261.97	1.370	3.829	4.4815	10.581	22.158	4.103	1.029	1.626	.709
395.	600.0	1281.63	1.371	3.817	4.5125	10.637	22.276	4.139	1.029	1.605	.709
400.	600.0	1303.65	1.374	3.780	4.5632	10.965	22.687	4.189	1.029	1.584	.698
420.	600.0	1375.73	1.376	3.757	4.6611	11.105	23.249	4.311	1.028	1.510	.697
440.	600.0	1447.82	1.378	3.733	4.7629	11.245	23.811	4.432	1.028	1.442	.695
460.	600.0	1519.90	1.380	3.709	4.8629	11.385	24.372	4.554	1.027	1.380	.693

480.	600.0	1591.99	1.382	3.686	4.9638	11.526	24.934	4.675	1.027	1.323	.691
500.	600.0	1664.37	1.384	3.662	5.0647	11.666	25.495	4.797	1.026	1.271	.689
520.	600.0	1736.15	1.386	3.638	5.1656	11.805	26.057	4.918	1.025	1.223	.687
540.	600.0	1808.24	1.388	3.615	5.2655	11.945	26.618	5.040	1.025	1.178	.684
560.	600.0	1880.32	1.390	3.591	5.3674	12.087	27.180	5.162	1.024	1.137	.682
580.	600.0	1952.41	1.392	3.568	5.4683	12.227	27.742	5.283	1.024	1.099	.679
600.	600.0	2024.49	1.394	3.544	5.5692	12.367	28.303	5.405	1.023	1.063	.677
620.	600.0	2096.57	1.396	3.520	5.6701	12.507	28.865	5.526	1.022	1.029	.674
640.	600.0	2168.66	1.398	3.497	5.7710	12.647	29.426	5.648	1.022	.997	.671
660.	600.0	2239.41	1.399	3.485	5.8605	12.761	30.016	5.753	1.021	.968	.669
680.	600.0	2308.84	1.399	3.484	5.9387	12.849	30.533	5.871	1.021	.940	.668
700.	600.0	2378.26	1.399	3.484	6.0168	12.937	31.251	5.979	1.020	.913	.667
720.	600.0	2447.68	1.399	3.484	6.0950	13.025	31.868	6.088	1.020	.888	.665
740.	600.0	2517.11	1.398	3.484	6.1732	13.113	32.486	6.196	1.020	.864	.664
760.	600.0	2586.53	1.398	3.483	6.2513	13.201	33.103	6.304	1.019	.842	.663
780.	600.0	2655.96	1.398	3.483	6.3295	13.289	33.721	6.413	1.019	.821	.662
800.	600.0	2725.38	1.398	3.483	6.4077	13.377	34.338	6.521	1.018	.801	.661
820.	600.0	2794.80	1.398	3.482	6.4858	13.465	34.956	6.629	1.018	.781	.660
840.	600.0	2864.23	1.397	3.482	6.5640	13.553	35.573	6.738	1.017	.763	.660
860.	600.0	2933.65	1.397	3.482	6.6422	13.641	36.191	6.846	1.017	.746	.659
880.	600.0	3003.08	1.397	3.482	6.7203	13.729	36.808	6.954	1.017	.729	.658
900.	600.0	3072.50	1.397	3.481	6.7985	13.816	37.426	7.063	1.016	.713	.657
920.	600.0	3142.11	1.397	3.481	6.8670	13.884	38.115	7.167	1.016	.698	.655
940.	600.0	3211.72	1.397	3.481	6.9354	13.952	38.804	7.271	1.016	.683	.652
960.	600.0	3281.34	1.397	3.480	7.0039	14.020	39.493	7.374	1.015	.669	.650
980.	600.0	3350.95	1.397	3.480	7.0723	14.088	40.182	7.478	1.015	.656	.648
1000.	600.0	3420.56	1.396	3.480	7.1408	14.156	40.871	7.582	1.015	.643	.646
1050.	600.0	3594.59	1.396	3.479	7.3119	14.326	42.594	7.842	1.014	.612	.641
1100.	600.0	3768.62	1.396	3.478	7.4831	14.496	44.316	8.102	1.014	.585	.636
1150.	600.0	3942.65	1.396	3.477	7.6542	14.665	46.039	8.362	1.013	.560	.632
1200.	600.0	4117.25	1.395	3.484	7.8039	14.802	47.011	8.640	1.012	.537	.640
1250.	600.0	4291.85	1.394	3.490	7.9535	14.938	47.984	8.917	1.012	.516	.649
1300.	600.0	4466.45	1.392	3.497	8.1032	15.075	48.956	9.194	1.011	.496	.657
1350.	600.0	4641.05	1.391	3.503	8.2529	15.211	49.928	9.472	1.011	.478	.665
1400.	600.0	4813.45	1.390	3.506	8.4132	15.359	50.313	9.779	1.010	.461	.681
1450.	600.0	4991.21	1.389	3.516	8.5420	15.465	51.738	10.018	1.010	.445	.681
1500.	600.0	5168.97	1.387	3.526	8.6708	15.571	53.164	10.257	1.010	.431	.680
1550.	600.0	5346.74	1.386	3.536	8.7996	15.678	54.589	10.496	1.009	.417	.680
1600.	600.0	5524.50	1.384	3.546	8.9283	15.784	56.014	10.735	1.009	.404	.680
1650.	600.0	5702.26	1.383	3.557	9.0571	15.890	57.440	10.973	1.009	.392	.679
1700.	600.0	5880.02	1.381	3.567	9.1859	15.996	58.865	11.212	1.009	.380	.679
1750.	600.0	6057.79	1.380	3.577	9.3145	16.103	60.290	11.451	1.008	.370	.679
1800.	600.0	6235.55	1.378	3.587	9.4434	16.209	61.716	11.690	1.008	.359	.679
1850.	600.0	6413.31	1.377	3.597	9.5722	16.315	63.141	11.929	1.008	.350	.680
1900.	600.0	6591.07	1.375	3.608	9.7010	16.421	64.566	12.167	1.008	.341	.680
1950.	600.0	6768.84	1.374	3.618	9.8297	16.528	65.992	12.406	1.007	.332	.680
2000.	600.0	6946.60	1.372	3.628	9.9585	16.634	67.417	12.645	1.007	.324	.680
2050.	600.0	7124.15	1.370	3.642	10.0644	16.714	68.934	12.867	1.007	.316	.680
2100.	600.0	7317.72	1.368	3.657	10.1703	16.794	70.450	13.089	1.007	.309	.679
2150.	600.0	7503.27	1.366	3.671	10.2762	16.874	71.967	13.311	1.006	.301	.679
2200.	600.0	7688.83	1.364	3.686	10.3822	16.954	73.484	13.533	1.006	.295	.679
2250.	600.0	7874.39	1.362	3.700	10.4881	17.035	75.001	13.755	1.006	.288	.679
2300.	600.0	8059.95	1.361	3.715	10.5940	17.115	76.517	13.977	1.006	.282	.679
2350.	600.0	8245.51	1.359	3.729	10.6999	17.195	78.034	14.200	1.006	.276	.679
2400.	600.0	8431.07	1.357	3.744	10.8058	17.275	79.551	14.422	1.006	.270	.679
2450.	600.0	8616.62	1.355	3.758	10.9117	17.355	81.068	14.644	1.006	.265	.679
2500.	600.0	8802.18	1.353	3.773	11.0177	17.435	82.584	14.866	1.005	.259	.679
2550.	600.0	8987.74	1.351	3.787	11.1236	17.515	84.101	15.088	1.005	.254	.679
2600.	600.0	9173.30	1.349	3.802	11.2295	17.595	85.618	15.310	1.005	.250	.680
2650.	600.0	9367.44	1.347	3.816	11.3228	17.663	87.186	15.522	1.005	.245	.679
2700.	600.0	9561.58	1.346	3.831	11.4162	17.730	88.753	15.734	1.005	.240	.679
2750.	600.0	9755.72	1.344	3.845	11.5095	17.797	90.321	15.946	1.005	.236	.679

2800.	600.0	9949.87	1.342	3.859	11.6023	17.864	91.889	16.158	1.005	.232	.679
2850.	600.0	10144.01	1.341	3.873	11.6962	17.931	93.456	16.370	1.005	.228	.678
2900.	600.0	10338.15	1.339	3.888	11.7375	17.993	95.024	16.581	1.005	.224	.678
2950.	600.0	10532.29	1.337	3.902	11.8323	18.065	96.592	16.793	1.005	.220	.674
3000.	600.0	10726.43	1.336	3.916	11.9762	18.132	98.159	17.005	1.004	.216	.674
3050.	600.0	10920.57	1.334	3.930	12.0675	18.199	99.727	17.217	1.004	.213	.679
3100.	600.0	11114.72	1.333	3.945	12.1523	18.266	101.295	17.429	1.004	.209	.679
3150.	600.0	11308.86	1.331	3.959	12.2352	18.333	102.862	17.641	1.004	.206	.679
3200.	600.0	11503.00	1.329	3.973	12.3195	18.400	104.430	17.853	1.004	.203	.679
3250.	600.0	11707.33	1.328	3.992	12.4318	18.458	106.326	18.057	1.004	.200	.678
3300.	600.0	11911.67	1.326	4.012	12.5142	18.515	108.222	18.261	1.004	.197	.677
3350.	600.0	12116.00	1.324	4.031	12.5955	18.574	110.119	18.465	1.004	.194	.676
3400.	600.0	12320.33	1.322	4.051	12.6738	18.632	112.015	18.669	1.004	.191	.675
3450.	600.0	12524.67	1.321	4.070	12.7612	18.690	113.911	18.873	1.004	.188	.674
3500.	600.0	12729.00	1.319	4.089	12.8435	18.748	115.807	19.077	1.004	.186	.674
3550.	600.0	12933.33	1.317	4.109	12.9258	18.807	117.704	19.281	1.004	.183	.673
3600.	600.0	13137.67	1.315	4.128	13.0082	18.865	119.600	19.485	1.004	.180	.673
3650.	600.0	13342.00	1.314	4.148	13.0905	18.923	121.496	19.689	1.004	.178	.672
3700.	600.0	13546.33	1.312	4.167	13.1728	18.981	123.392	19.893	1.004	.176	.672
3750.	600.0	13750.67	1.310	4.187	13.2552	19.039	125.289	20.097	1.004	.173	.672
3800.	600.0	13951.00	1.310	4.188	13.3410	19.051	126.410	20.299	1.003	.171	.673
3850.	600.0	14165.38	1.303	4.217	13.4157	19.005	128.869	20.498	1.004	.169	.671
3900.	600.0	14379.75	1.305	4.245	13.4905	19.958	131.327	20.698	1.004	.167	.669
3950.	600.0	14594.13	1.304	4.273	13.5652	19.012	133.786	20.897	1.004	.165	.668
4000.	600.0	14808.50	1.302	4.302	13.6400	19.066	136.245	21.097	1.004	.162	.666
4050.	600.0	15022.88	1.300	4.330	13.7147	19.120	138.704	21.296	1.004	.160	.665
4100.	600.0	15237.25	1.293	4.358	13.7895	19.173	141.162	21.496	1.004	.158	.664
4150.	600.0	15451.63	1.295	4.387	13.8642	19.227	143.621	21.695	1.004	.157	.663
4200.	600.0	15666.00	1.294	4.415	13.9390	19.281	146.080	21.895	1.004	.155	.662
4250.	600.0	15895.00	1.292	4.462	14.0065	19.333	149.717	22.091	1.004	.153	.658
4300.	600.0	16124.00	1.289	4.510	14.0740	19.385	153.355	22.288	1.004	.151	.655
4350.	600.0	16353.00	1.287	4.557	14.1415	19.438	156.992	22.484	1.004	.149	.653
4400.	600.0	16582.00	1.284	4.604	14.2090	19.490	150.630	22.680	1.004	.148	.650
4450.	600.0	16811.00	1.282	4.651	14.2765	19.542	164.267	22.877	1.004	.146	.648
4500.	600.0	17040.00	1.280	4.699	14.3440	19.594	167.905	23.073	1.005	.144	.646
4550.	600.0	17269.00	1.277	4.746	14.4115	19.647	171.542	23.270	1.005	.143	.644
4600.	600.0	17498.00	1.275	4.793	14.4790	19.699	175.180	23.466	1.005	.141	.642
4650.	600.0	17753.13	1.272	4.871	14.5414	19.752	180.927	23.660	1.005	.140	.637
4700.	600.0	18008.25	1.269	4.949	14.6037	19.805	186.675	23.855	1.006	.138	.632
4750.	600.0	18263.38	1.267	5.027	14.6661	19.858	192.422	24.049	1.006	.136	.628
4800.	600.0	18518.50	1.264	5.105	14.7285	19.911	198.170	24.243	1.006	.135	.625
4850.	600.0	18773.63	1.262	5.183	14.7909	19.964	203.917	24.438	1.007	.134	.621
4900.	600.0	19028.75	1.259	5.261	14.8532	20.017	209.665	24.632	1.007	.132	.618
4950.	600.0	19283.88	1.256	5.339	14.9156	20.070	215.412	24.827	1.008	.131	.615
5000.	600.0	19539.00	1.254	5.417	14.9780	20.123	221.160	25.021	1.008	.129	.613

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	700.0	-90.88	1.466	1.969	5.1583	1.679	16.723	10.245	.768	27.516	1.207
38.	700.0	-86.75	1.508	2.071	5.0798	1.788	16.504	9.404	.738	27.123	1.188
40.	700.0	-82.63	1.551	2.173	5.0014	1.896	16.285	8.682	.708	26.855	1.159
42.	700.0	-78.07	1.600	2.280	4.9155	2.005	16.121	8.105	.685	26.434	1.147
44.	700.0	-73.51	1.650	2.387	4.8296	2.114	15.958	7.528	.662	26.107	1.126
46.	700.0	-68.52	1.708	2.505	4.7360	2.222	15.827	7.071	.644	25.664	1.118
48.	700.0	-63.52	1.767	2.619	4.6424	2.331	15.696	6.614	.627	25.296	1.103
50.	700.0	-58.04	1.834	2.744	4.5404	2.441	15.578	6.240	.613	24.821	1.099
52.	700.0	-52.56	1.901	2.869	4.4385	2.551	15.460	5.866	.600	24.406	1.089
54.	700.0	-46.56	1.980	3.008	4.3266	2.662	15.339	5.550	.590	23.890	1.089
56.	700.0	-40.55	2.059	3.147	4.2147	2.773	15.218	5.234	.580	23.424	1.083
58.	700.0	-33.96	2.150	3.304	4.0955	2.887	15.082	4.961	.574	22.861	1.087
60.	700.0	-27.37	2.242	3.460	3.9763	3.001	14.946	4.687	.568	22.341	1.085
62.	700.0	-20.08	2.351	3.644	3.8513	3.113	14.785	4.447	.565	21.714	1.096
64.	700.0	-12.50	2.390	3.700	3.7218	3.245	14.617	4.190	.563	21.099	1.061
66.	700.0	-3.95	2.543	3.958	3.5960	3.369	14.399	3.992	.567	20.325	1.097
68.	700.0	4.59	2.697	4.216	3.4702	3.494	14.180	3.793	.571	19.598	1.128
70.	700.0	13.14	2.851	4.474	3.3444	3.618	13.961	3.595	.575	18.914	1.152
72.	700.0	21.69	3.005	4.731	3.2186	3.742	13.743	3.397	.578	18.270	1.169
74.	700.0	30.23	3.159	4.989	3.0928	3.867	13.524	3.198	.582	17.662	1.180
76.	700.0	40.85	3.188	5.053	3.0200	4.001	13.261	3.072	.599	16.716	1.171
78.	700.0	51.47	3.217	5.116	2.9472	4.136	12.998	2.946	.616	15.843	1.160
80.	700.0	62.09	3.245	5.180	2.8744	4.270	12.735	2.820	.632	15.037	1.147
82.	700.0	72.70	3.274	5.244	2.8016	4.405	12.472	2.694	.649	14.292	1.133
84.	700.0	83.32	3.303	5.307	2.7288	4.539	12.208	2.568	.666	13.600	1.116
86.	700.0	93.23	3.212	5.165	2.7152	4.651	12.087	2.513	.685	12.922	1.074
88.	700.0	103.15	3.120	5.024	2.7016	4.762	11.965	2.458	.703	12.294	1.032
90.	700.0	113.06	3.029	4.882	2.6881	4.873	11.844	2.403	.722	11.711	.990
92.	700.0	122.98	2.938	4.740	2.6745	4.985	11.722	2.348	.741	11.168	.949
94.	700.0	132.89	2.847	4.598	2.6609	5.096	11.601	2.293	.759	10.663	.909
96.	700.0	141.49	2.775	4.489	2.6700	5.183	11.588	2.273	.773	10.250	.881
98.	700.0	150.09	2.703	4.380	2.6791	5.270	11.575	2.254	.787	9.861	.853
100.	700.0	158.69	2.631	4.271	2.6881	5.356	11.561	2.235	.801	9.494	.826
102.	700.0	167.29	2.559	4.162	2.6972	5.443	11.548	2.215	.815	9.147	.798
104.	700.0	177.25	2.448	3.979	2.7110	5.532	11.590	2.178	.836	8.750	.748
106.	700.0	184.47	2.412	3.940	2.7262	5.593	11.635	2.183	.844	8.509	.739
108.	700.0	191.70	2.376	3.901	2.7413	5.654	11.680	2.187	.851	8.278	.730
110.	700.0	198.93	2.340	3.862	2.7565	5.715	11.725	2.191	.859	8.057	.722
112.	700.0	206.15	2.304	3.822	2.7716	5.777	11.770	2.196	.866	7.845	.713
114.	700.0	213.38	2.268	3.783	2.7868	5.838	11.815	2.200	.873	7.641	.705
116.	700.0	220.60	2.232	3.744	2.8019	5.899	11.860	2.205	.881	7.446	.696
118.	700.0	227.83	2.197	3.705	2.8170	5.960	11.905	2.209	.888	7.258	.687
120.	700.0	235.05	2.161	3.666	2.8322	6.021	11.950	2.214	.896	7.078	.679
122.	700.0	242.28	2.125	3.627	2.8473	6.082	11.995	2.218	.903	6.904	.671
124.	700.0	249.51	2.089	3.587	2.8625	6.143	12.040	2.222	.911	6.737	.662
126.	700.0	256.73	2.053	3.548	2.8776	6.204	12.085	2.227	.918	6.576	.654
128.	700.0	263.96	2.017	3.509	2.8928	6.265	12.130	2.231	.926	6.421	.645
130.	700.0	271.18	1.982	3.470	2.9079	6.326	12.175	2.236	.933	6.272	.637
132.	700.0	278.41	1.946	3.431	2.9230	6.387	12.220	2.240	.941	6.127	.629
134.	700.0	285.64	1.910	3.391	2.9382	6.448	12.265	2.245	.948	5.988	.621
136.	700.0	292.86	1.874	3.352	2.9533	6.509	12.309	2.249	.956	5.854	.612
138.	700.0	299.59	1.859	3.358	2.9658	6.553	12.399	2.264	.958	5.753	.613
140.	700.0	306.32	1.843	3.364	2.9783	6.598	12.489	2.279	.961	5.656	.614
142.	700.0	313.05	1.828	3.370	2.9908	6.642	12.579	2.293	.964	5.561	.614
144.	700.0	319.78	1.813	3.377	3.0033	6.686	12.668	2.308	.966	5.469	.615
146.	700.0	326.50	1.798	3.383	3.0153	6.730	12.758	2.323	.969	5.379	.616
148.	700.0	333.23	1.782	3.389	3.0283	6.774	12.848	2.338	.972	5.292	.617
150.	700.0	339.96	1.767	3.395	3.0408	6.818	12.937	2.352	.974	5.207	.617

152.	700.0	346.69	1.752	3.401	3.0533	5.862	13.027	2.367	.977	5.125	.618
154.	700.0	353.42	1.736	3.407	3.0658	6.906	13.117	2.382	.979	5.044	.619
156.	700.0	360.15	1.721	3.413	3.0783	6.951	13.206	2.396	.982	4.966	.619
158.	700.0	366.88	1.706	3.419	3.0908	6.995	13.296	2.411	.985	4.890	.620
160.	700.0	373.60	1.690	3.425	3.1032	7.039	13.386	2.426	.987	4.816	.621
162.	700.0	380.33	1.675	3.431	3.1157	7.083	13.475	2.441	.990	4.744	.622
164.	700.0	387.06	1.660	3.437	3.1282	7.127	13.565	2.455	.993	4.674	.622
166.	700.0	393.79	1.644	3.444	3.1407	7.171	13.655	2.470	.995	4.605	.623
168.	700.0	400.52	1.629	3.450	3.1532	7.215	13.744	2.485	.998	4.538	.624
170.	700.0	407.70	1.620	3.465	3.1643	7.255	13.856	2.500	.999	4.479	.625
172.	700.0	414.87	1.611	3.481	3.1754	7.294	13.967	2.516	1.001	4.421	.627
174.	700.0	422.05	1.602	3.497	3.1866	7.334	14.079	2.532	1.002	4.365	.629
176.	700.0	429.23	1.592	3.512	3.1977	7.374	14.190	2.547	1.003	4.310	.630
178.	700.0	436.41	1.583	3.528	3.2088	7.413	14.302	2.563	1.004	4.256	.632
180.	700.0	443.59	1.574	3.544	3.2199	7.453	14.413	2.578	1.006	4.203	.634
185.	700.0	461.53	1.551	3.583	3.2477	7.552	14.692	2.617	1.009	4.076	.638
190.	700.0	479.48	1.528	3.622	3.2755	7.651	14.971	2.656	1.012	3.956	.643
195.	700.0	497.42	1.505	3.661	3.3032	7.750	15.249	2.694	1.015	3.843	.647
200.	700.0	514.11	1.476	3.731	3.3304	7.863	15.681	2.740	1.020	3.731	.652
205.	700.0	533.80	1.470	3.747	3.3615	7.943	15.920	2.777	1.020	3.637	.654
210.	700.0	553.48	1.463	3.763	3.3926	8.023	16.158	2.814	1.021	3.548	.655
215.	700.0	573.17	1.457	3.779	3.4237	8.103	16.397	2.850	1.022	3.463	.657
220.	700.0	592.85	1.451	3.795	3.4548	8.183	16.635	2.887	1.023	3.381	.659
225.	700.0	612.54	1.445	3.811	3.4859	8.263	16.874	2.924	1.024	3.304	.660
230.	700.0	632.22	1.439	3.827	3.5170	8.343	17.112	2.960	1.024	3.229	.662
235.	700.0	651.90	1.433	3.843	3.5481	8.423	17.351	2.997	1.025	3.158	.664
240.	700.0	671.59	1.427	3.859	3.5791	8.503	17.589	3.033	1.026	3.090	.666
245.	700.0	691.27	1.421	3.875	3.6102	8.583	17.827	3.070	1.027	3.024	.667
250.	700.0	710.95	1.415	3.891	3.6413	8.663	18.066	3.107	1.028	2.962	.669
255.	700.0	730.64	1.409	3.907	3.6724	8.743	18.304	3.143	1.028	2.901	.671
260.	700.0	750.33	1.403	3.923	3.7035	8.823	18.543	3.180	1.029	2.843	.673
265.	700.0	770.01	1.397	3.939	3.7346	8.903	18.781	3.216	1.030	2.787	.675
270.	700.0	789.69	1.391	3.955	3.7657	8.983	19.020	3.253	1.031	2.734	.676
275.	700.0	809.38	1.385	3.971	3.7968	9.063	19.258	3.290	1.032	2.682	.678
280.	700.0	829.06	1.379	3.987	3.8279	9.143	19.496	3.326	1.033	2.632	.680
285.	700.0	848.75	1.373	4.003	3.8590	9.223	19.735	3.363	1.033	2.584	.682
290.	700.0	868.43	1.367	4.019	3.8901	9.303	19.973	3.400	1.034	2.537	.684
295.	700.0	888.12	1.361	4.035	3.9212	9.383	20.212	3.436	1.035	2.492	.686
300.	700.0	907.80	1.355	4.051	3.9523	9.463	20.450	3.473	1.036	2.449	.688
305.	700.0	927.51	1.356	4.039	3.9832	9.519	20.562	3.508	1.036	2.409	.689
310.	700.0	947.21	1.356	4.027	4.0141	9.574	20.675	3.544	1.036	2.370	.690
315.	700.0	966.92	1.357	4.015	4.0450	9.630	20.787	3.579	1.035	2.333	.691
320.	700.0	986.63	1.358	4.003	4.0758	9.686	20.899	3.615	1.035	2.297	.692
325.	700.0	1006.34	1.359	3.991	4.1067	9.741	21.011	3.650	1.035	2.261	.693
330.	700.0	1026.04	1.360	3.979	4.1376	9.797	21.123	3.686	1.035	2.227	.694
335.	700.0	1045.75	1.361	3.967	4.1685	9.852	21.236	3.721	1.035	2.194	.695
340.	700.0	1065.46	1.362	3.955	4.1994	9.908	21.348	3.756	1.035	2.162	.696
345.	700.0	1085.17	1.363	3.943	4.2303	9.963	21.460	3.792	1.035	2.131	.697
350.	700.0	1104.87	1.364	3.931	4.2612	10.019	21.572	3.827	1.035	2.101	.698
355.	700.0	1124.58	1.365	3.919	4.2921	10.075	21.684	3.863	1.035	2.072	.698
360.	700.0	1144.29	1.366	3.908	4.3230	10.130	21.796	3.898	1.034	2.043	.699
365.	700.0	1164.00	1.367	3.896	4.3539	10.186	21.909	3.934	1.034	2.015	.699
370.	700.0	1183.70	1.368	3.884	4.3848	10.241	22.021	3.969	1.034	1.988	.700
375.	700.0	1203.41	1.369	3.872	4.4157	10.297	22.133	4.005	1.034	1.962	.701
380.	700.0	1223.12	1.370	3.860	4.4466	10.353	22.245	4.040	1.034	1.936	.701
385.	700.0	1242.83	1.371	3.848	4.4775	10.408	22.357	4.076	1.034	1.912	.701
390.	700.0	1262.53	1.372	3.836	4.5084	10.464	22.470	4.111	1.034	1.887	.702
395.	700.0	1282.24	1.373	3.824	4.5393	10.519	22.582	4.146	1.034	1.864	.702
400.	700.0	1304.21	1.376	3.787	4.5864	10.763	22.958	4.195	1.034	1.840	.692
420.	700.0	1376.39	1.378	3.763	4.6369	11.904	23.508	4.317	1.033	1.753	.691
440.	700.0	1448.57	1.380	3.739	4.7875	11.044	24.058	4.438	1.033	1.675	.690
460.	700.0	1520.75	1.382	3.715	4.8880	11.185	24.608	4.559	1.032	1.603	.688

480.	700.0	1592.93	1.384	3.691	4.9845	11.325	25.159	4.680	1.031	1.537	.687
500.	700.0	1665.11	1.385	3.667	5.0833	11.465	25.709	4.602	1.030	1.477	.685
520.	700.0	1737.29	1.387	3.643	5.1836	11.606	26.259	4.923	1.030	1.421	.683
540.	700.0	1809.47	1.389	3.619	5.2901	11.746	26.309	5.044	1.029	1.369	.681
560.	700.0	1881.64	1.391	3.595	5.3906	11.887	27.359	5.166	1.026	1.321	.679
580.	700.0	1953.82	1.393	3.571	5.4912	12.027	27.910	5.287	1.028	1.277	.676
600.	700.0	2026.00	1.395	3.547	5.5917	12.167	28.460	5.408	1.027	1.235	.674
620.	700.0	2098.18	1.397	3.523	5.6922	12.308	29.010	5.529	1.026	1.196	.671
640.	700.0	2170.36	1.399	3.499	5.7927	12.448	29.560	5.651	1.025	1.159	.669
660.	700.0	2241.18	1.400	3.487	5.8823	12.562	30.142	5.765	1.025	1.125	.667
680.	700.0	2310.64	1.399	3.486	5.9539	12.650	30.756	5.874	1.024	1.092	.666
700.	700.0	2380.09	1.399	3.486	6.0378	12.738	31.370	5.982	1.024	1.062	.665
720.	700.0	2449.55	1.399	3.486	6.1157	12.826	31.983	6.090	1.023	1.033	.664
740.	700.0	2519.01	1.399	3.485	6.1936	12.914	32.597	6.198	1.023	1.005	.663
760.	700.0	2588.47	1.398	3.485	6.2715	13.002	33.211	6.307	1.022	.979	.662
780.	700.0	2657.93	1.398	3.485	6.3494	13.090	33.824	6.415	1.022	.955	.661
800.	700.0	2727.38	1.398	3.484	6.4273	13.178	34.438	6.523	1.021	.931	.660
820.	700.0	2796.84	1.398	3.484	6.5052	13.266	35.052	6.631	1.021	.909	.659
840.	700.0	2866.30	1.398	3.484	6.5831	13.354	35.666	6.740	1.020	.888	.658
860.	700.0	2935.76	1.397	3.483	6.6610	13.442	36.279	6.848	1.020	.867	.657
880.	700.0	3005.22	1.397	3.483	6.7389	13.530	36.893	6.956	1.019	.848	.657
900.	700.0	3074.67	1.397	3.483	6.8168	13.618	37.507	7.064	1.019	.830	.656
920.	700.0	3144.30	1.397	3.482	6.8851	13.686	38.194	7.168	1.019	.812	.654
940.	700.0	3213.93	1.397	3.482	6.9534	13.754	38.882	7.272	1.018	.795	.651
960.	700.0	3283.56	1.397	3.481	7.0216	13.822	39.570	7.376	1.018	.779	.649
980.	700.0	3353.19	1.397	3.481	7.0899	13.890	40.257	7.480	1.018	.763	.647
1000.	700.0	3422.82	1.396	3.481	7.1582	13.958	40.945	7.584	1.017	.748	.645
1050.	700.0	3596.89	1.396	3.480	7.3289	14.127	42.664	7.844	1.017	.713	.640
1100.	700.0	3770.96	1.396	3.479	7.4996	14.297	44.383	8.104	1.016	.681	.635
1150.	700.0	3945.04	1.396	3.478	7.6702	14.467	46.102	8.364	1.015	.652	.631
1200.	700.0	4119.67	1.395	3.484	7.8195	14.604	47.063	8.641	1.014	.625	.640
1250.	700.0	4294.30	1.393	3.491	7.9687	14.740	48.024	8.918	1.014	.600	.648
1300.	700.0	4468.93	1.392	3.497	8.1180	14.877	48.985	9.195	1.013	.578	.656
1350.	700.0	4643.56	1.391	3.504	8.2672	15.013	49.946	9.472	1.013	.557	.664
1400.	700.0	4815.99	1.390	3.506	8.4271	15.161	50.313	9.779	1.012	.537	.681
1450.	700.0	4993.76	1.389	3.516	8.5557	15.267	51.738	10.018	1.012	.519	.681
1500.	700.0	5171.53	1.387	3.526	8.6842	15.373	53.164	10.257	1.011	.502	.680
1550.	700.0	5349.30	1.386	3.537	8.8127	15.479	54.589	10.496	1.011	.486	.680
1600.	700.0	5527.07	1.384	3.547	8.9412	15.586	55.014	10.735	1.011	.470	.680
1650.	700.0	5704.84	1.383	3.557	9.0697	15.692	57.440	10.973	1.010	.456	.680
1700.	700.0	5882.61	1.381	3.567	9.1983	15.798	58.865	11.212	1.010	.443	.679
1750.	700.0	6060.38	1.380	3.577	9.3268	15.904	60.290	11.451	1.010	.431	.679
1800.	700.0	6238.15	1.378	3.587	9.4553	16.011	61.716	11.690	1.009	.419	.679
1850.	700.0	6415.92	1.376	3.598	9.5838	16.117	63.141	11.929	1.009	.408	.680
1900.	700.0	6593.69	1.375	3.608	9.7123	16.223	64.567	12.167	1.009	.397	.680
1950.	700.0	6771.46	1.373	3.618	9.8409	16.329	65.992	12.406	1.008	.387	.680
2000.	700.0	6949.22	1.372	3.628	9.9694	16.436	67.417	12.645	1.008	.377	.680
2050.	700.0	7134.78	1.370	3.643	10.0751	16.516	68.934	12.867	1.008	.368	.680
2100.	700.0	7320.34	1.368	3.657	10.1809	16.596	70.450	13.089	1.008	.360	.679
2150.	700.0	7505.89	1.366	3.671	10.2867	16.676	71.967	13.311	1.008	.351	.679
2200.	700.0	7691.45	1.364	3.686	10.3925	16.756	73.484	13.533	1.007	.343	.679
2250.	700.0	7877.01	1.362	3.700	10.4982	16.836	75.000	13.755	1.007	.336	.679
2300.	700.0	8062.56	1.360	3.715	10.6040	16.917	76.517	13.977	1.007	.328	.679
2350.	700.0	8248.12	1.358	3.729	10.7098	16.997	78.033	14.200	1.007	.322	.679
2400.	700.0	8433.67	1.357	3.744	10.8155	17.077	79.550	14.422	1.007	.315	.679
2450.	700.0	8619.23	1.355	3.758	10.9213	17.157	81.066	14.644	1.007	.309	.679
2500.	700.0	8804.79	1.353	3.773	11.0271	17.237	82.583	14.866	1.006	.302	.679
2550.	700.0	8990.34	1.351	3.787	11.1329	17.317	84.100	15.088	1.006	.297	.679
2600.	700.0	9175.90	1.349	3.802	11.2386	17.397	85.616	15.310	1.006	.291	.680
2650.	700.0	9370.03	1.347	3.816	11.3313	17.464	87.182	15.522	1.006	.285	.679
2700.	700.0	9564.17	1.346	3.830	11.4251	17.531	88.749	15.734	1.006	.280	.679
2750.	700.0	9758.30	1.344	3.845	11.5184	17.598	90.315	15.946	1.006	.275	.679

2800.	700.0	9952.43	1.342	3.859	11.6116	17.665	91.881	16.158	1.006	.270	.679
2850.	700.0	10146.57	1.341	3.873	11.7049	17.733	93.447	16.370	1.005	.266	.678
2900.	700.0	10340.70	1.339	3.887	11.7981	17.800	95.013	16.581	1.005	.261	.678
2950.	700.0	10534.83	1.337	3.901	11.3914	17.867	96.579	16.793	1.005	.257	.678
3000.	700.0	10728.97	1.336	3.916	11.9846	17.934	98.145	17.005	1.005	.252	.678
3050.	700.0	10923.10	1.334	3.930	12.0779	18.001	99.712	17.217	1.005	.248	.679
3100.	700.0	11117.23	1.332	3.944	12.1711	18.068	101.278	17.429	1.005	.244	.679
3150.	700.0	11311.37	1.331	3.958	12.2644	18.135	102.844	17.641	1.005	.240	.679
3200.	700.0	11505.50	1.329	3.972	12.3575	18.202	104.410	17.853	1.005	.237	.679
3250.	700.0	11709.60	1.328	3.991	12.4401	18.260	106.272	18.057	1.005	.233	.678
3300.	700.0	11913.71	1.326	4.010	12.5226	18.318	108.134	18.261	1.005	.229	.677
3350.	700.0	12117.81	1.324	4.028	12.6051	18.376	109.996	18.465	1.005	.226	.676
3400.	700.0	12321.92	1.322	4.047	12.6875	18.434	111.858	18.669	1.005	.223	.675
3450.	700.0	12526.02	1.321	4.066	12.7700	18.492	113.720	18.873	1.005	.220	.675
3500.	700.0	12730.13	1.319	4.084	12.8525	18.550	115.582	19.077	1.004	.216	.674
3550.	700.0	12934.23	1.317	4.103	12.9350	18.608	117.444	19.281	1.004	.213	.674
3600.	700.0	13138.33	1.316	4.122	13.0175	18.666	119.306	19.485	1.004	.210	.673
3650.	700.0	13342.44	1.314	4.140	13.0999	18.724	121.168	19.689	1.004	.208	.673
3700.	700.0	13546.54	1.312	4.159	13.1824	18.782	123.030	19.893	1.004	.205	.672
3750.	700.0	13750.65	1.311	4.177	13.2649	18.840	124.892	20.097	1.004	.202	.672
3800.	700.0	13952.50	1.310	4.185	13.3490	18.736	126.250	20.299	1.004	.199	.673
3850.	700.0	14166.53	1.308	4.212	13.4239	18.790	128.666	20.498	1.004	.197	.671
3900.	700.0	14380.56	1.306	4.240	13.4989	18.844	131.081	20.698	1.004	.194	.669
3950.	700.0	14594.59	1.304	4.267	13.5738	18.898	133.497	20.897	1.004	.192	.668
4000.	700.0	14808.63	1.302	4.295	13.6487	18.951	135.912	21.097	1.004	.189	.667
4050.	700.0	15022.66	1.300	4.322	13.7237	19.005	138.328	21.296	1.004	.187	.665
4100.	700.0	15236.69	1.298	4.350	13.7986	19.059	140.744	21.496	1.004	.185	.664
4150.	700.0	15450.72	1.296	4.377	13.8735	19.112	143.159	21.695	1.004	.183	.663
4200.	700.0	15664.75	1.294	4.405	13.9485	19.166	145.575	21.895	1.004	.180	.662
4250.	700.0	15892.94	1.292	4.450	14.0163	19.218	149.115	22.091	1.004	.178	.659
4300.	700.0	16121.13	1.290	4.496	14.0841	19.270	152.654	22.288	1.004	.176	.656
4350.	700.0	16349.31	1.287	4.541	14.1518	19.322	156.194	22.484	1.005	.174	.654
4400.	700.0	16577.50	1.285	4.586	14.2196	19.374	159.734	22.680	1.005	.172	.651
4450.	700.0	16805.69	1.283	4.632	14.2874	19.426	163.273	22.877	1.005	.170	.649
4500.	700.0	17033.88	1.280	4.677	14.3552	19.478	166.813	23.073	1.005	.168	.647
4550.	700.0	17262.06	1.278	4.723	14.4230	19.530	170.353	23.269	1.005	.166	.645
4600.	700.0	17490.25	1.276	4.768	14.4907	19.582	173.892	23.465	1.005	.165	.643
4650.	700.0	17743.50	1.273	4.843	14.5534	19.635	179.443	23.660	1.006	.163	.639
4700.	700.0	17996.75	1.271	4.918	14.6161	19.687	184.994	23.854	1.006	.161	.634
4750.	700.0	18250.00	1.268	4.993	14.6788	19.740	190.544	24.049	1.006	.159	.630
4800.	700.0	18503.25	1.266	5.067	14.7415	19.793	196.095	24.243	1.007	.157	.626
4850.	700.0	18756.50	1.263	5.142	14.8042	19.845	201.646	24.437	1.007	.156	.623
4900.	700.0	19009.75	1.260	5.217	14.8669	19.898	207.196	24.632	1.007	.154	.620
4950.	700.0	19263.00	1.258	5.291	14.9296	19.951	212.747	24.826	1.008	.153	.617
5000.	700.0	19516.25	1.255	5.366	14.9922	20.003	218.297	25.020	1.008	.151	.615

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR *(10)**4 PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
									R=9200		
36.	800.0	-87.80	1.448	1.943	5.2515	1.655	16.960	10.624	.871	27.724	1.217
38.	800.0	-83.74	1.488	2.041	5.1753	1.764	16.722	9.813	.837	27.344	1.198
40.	800.0	-79.67	1.528	2.139	5.0991	1.871	15.484	9.003	.803	27.089	1.168
42.	800.0	-75.19	1.573	2.240	5.0195	1.978	16.308	8.407	.776	26.682	1.155
44.	800.0	-70.72	1.619	2.341	4.9433	2.084	15.133	7.812	.749	26.373	1.134
46.	800.0	-65.83	1.672	2.449	4.8528	2.191	15.997	7.343	.729	25.949	1.124
48.	800.0	-60.94	1.725	2.556	4.7657	2.297	15.861	6.875	.708	25.601	1.108
50.	800.0	-55.60	1.784	2.670	4.6735	2.404	15.746	6.494	.691	25.151	1.101
52.	800.0	-50.27	1.843	2.784	4.5753	2.511	15.631	6.113	.675	24.762	1.089
54.	800.0	-44.47	1.911	2.907	4.4728	2.618	15.519	5.794	.663	24.279	1.085
56.	800.0	-38.67	1.979	3.029	4.3703	2.726	15.408	5.474	.651	23.847	1.076
58.	800.0	-32.36	2.056	3.164	4.2613	2.835	15.289	5.200	.643	23.327	1.076
60.	800.0	-26.04	2.133	3.298	4.1517	2.944	15.170	4.926	.634	22.850	1.071
62.	800.0	-19.14	2.220	3.445	4.0413	3.055	15.034	4.689	.629	22.282	1.074
64.	800.0	-12.79	2.331	3.639	3.9304	3.160	14.917	4.445	.622	21.837	1.084
66.	800.0	-4.82	2.419	3.783	3.8199	3.276	14.749	4.252	.624	21.129	1.091
68.	800.0	3.15	2.508	3.928	3.7094	3.392	14.581	4.058	.625	20.462	1.093
70.	800.0	11.13	2.596	4.072	3.5988	3.508	14.412	3.864	.626	19.834	1.092
72.	800.0	19.10	2.684	4.217	3.4883	3.624	14.244	3.670	.628	19.241	1.086
74.	800.0	27.07	2.773	4.361	3.3778	3.740	14.076	3.476	.629	18.680	1.077
76.	800.0	36.41	2.833	4.470	3.2968	3.858	13.863	3.346	.639	17.902	1.079
78.	800.0	45.74	2.894	4.579	3.2157	3.977	13.651	3.217	.649	17.172	1.079
80.	800.0	55.08	2.955	4.687	3.1347	4.095	13.438	3.088	.659	16.487	1.077
82.	800.0	64.41	3.016	4.796	3.0536	4.213	13.226	2.958	.669	15.843	1.073
84.	800.0	73.75	3.077	4.905	2.9726	4.331	13.013	2.829	.679	15.237	1.066
86.	800.0	83.46	3.040	4.861	2.9431	4.440	12.845	2.759	.695	14.556	1.044
88.	800.0	93.16	3.004	4.817	2.9075	4.550	12.678	2.690	.710	13.920	1.022
90.	800.0	102.87	2.968	4.773	2.8750	4.659	12.510	2.621	.725	13.325	1.000
92.	800.0	112.57	2.932	4.729	2.8424	4.768	12.343	2.551	.740	12.767	.978
94.	800.0	122.28	2.896	4.686	2.8099	4.877	12.175	2.482	.756	12.243	.955
96.	800.0	131.13	2.829	4.586	2.8097	4.966	12.132	2.454	.769	11.775	.928
98.	800.0	139.97	2.763	4.487	2.8034	5.055	12.090	2.426	.783	11.333	.900
100.	800.0	148.82	2.696	4.388	2.8092	5.144	12.047	2.397	.797	10.916	.873
102.	800.0	157.66	2.629	4.288	2.8089	5.234	12.005	2.369	.810	10.521	.846
104.	800.0	169.33	2.488	4.055	2.8252	5.363	11.988	2.322	.837	9.984	.785
106.	800.0	176.73	2.452	4.016	2.8357	5.426	12.030	2.322	.845	9.708	.775
108.	800.0	184.12	2.416	3.977	2.8432	5.488	12.072	2.322	.852	9.445	.765
110.	800.0	191.51	2.379	3.938	2.8597	5.551	12.115	2.322	.860	9.193	.755
112.	800.0	198.90	2.343	3.899	2.8712	5.613	12.157	2.322	.867	8.951	.745
114.	800.0	206.29	2.307	3.859	2.8827	5.676	12.199	2.322	.875	8.719	.735
116.	800.0	213.69	2.271	3.820	2.8943	5.738	12.241	2.322	.882	8.496	.725
118.	800.0	221.08	2.235	3.781	2.9058	5.801	12.283	2.322	.890	8.281	.715
120.	800.0	228.47	2.199	3.742	2.9173	5.863	12.325	2.321	.897	8.076	.705
122.	800.0	235.86	2.163	3.703	2.9288	5.926	12.368	2.321	.905	7.878	.695
124.	800.0	243.25	2.127	3.664	2.9403	5.988	12.410	2.321	.912	7.687	.685
126.	800.0	250.65	2.091	3.625	2.9518	6.051	12.452	2.321	.920	7.503	.676
128.	800.0	258.04	2.055	3.586	2.9633	6.113	12.494	2.321	.927	7.327	.666
130.	800.0	265.43	2.019	3.547	2.9748	6.175	12.536	2.321	.935	7.156	.657
132.	800.0	272.82	1.983	3.508	2.9863	6.238	12.579	2.321	.942	6.992	.647
134.	800.0	280.21	1.947	3.469	2.9978	6.300	12.621	2.321	.950	6.833	.638
136.	800.0	287.60	1.911	3.430	3.0093	6.363	12.663	2.321	.957	6.680	.629
138.	800.0	294.45	1.894	3.434	3.0209	6.408	12.758	2.334	.960	6.564	.628
140.	800.0	301.29	1.878	3.438	3.0325	6.453	12.852	2.347	.963	6.451	.628
142.	800.0	308.14	1.861	3.442	3.0441	6.497	12.947	2.360	.966	6.342	.627
144.	800.0	314.98	1.844	3.446	3.0557	6.542	13.041	2.373	.968	6.236	.627
146.	800.0	321.83	1.828	3.450	3.0673	6.587	13.136	2.386	.971	6.133	.627
148.	800.0	328.67	1.811	3.454	3.0789	6.632	13.231	2.399	.974	6.032	.626
150.	800.0	335.52	1.795	3.458	3.0905	6.677	13.325	2.412	.977	5.935	.626

152.	800.0	342.36	1.778	3.462	3.1021	5.722	13.420	2.425	.980	5.640	.626
154.	800.0	349.21	1.761	3.466	3.1137	6.767	13.514	2.438	.982	5.747	.625
156.	800.0	356.05	1.745	3.470	3.1253	6.812	13.609	2.451	.985	5.658	.625
158.	800.0	362.90	1.728	3.473	3.1369	6.857	13.704	2.464	.988	5.570	.625
160.	800.0	369.74	1.711	3.477	3.1485	6.901	13.798	2.478	.991	5.485	.624
162.	800.0	376.59	1.695	3.481	3.1601	6.946	13.893	2.491	.994	5.402	.624
164.	800.0	383.43	1.678	3.485	3.1717	6.991	13.987	2.504	.996	5.321	.624
166.	800.0	390.28	1.662	3.489	3.1833	7.036	14.082	2.517	.999	5.242	.624
168.	800.0	397.13	1.645	3.493	3.1949	7.081	14.176	2.530	1.002	5.165	.623
170.	800.0	404.37	1.635	3.508	3.2057	7.121	14.290	2.545	1.003	5.097	.625
172.	800.0	411.62	1.626	3.523	3.2164	7.161	14.404	2.559	1.005	5.031	.626
174.	800.0	418.87	1.616	3.538	3.2272	7.201	14.518	2.574	1.006	4.967	.627
176.	800.0	426.12	1.607	3.553	3.2379	7.241	14.631	2.589	1.008	4.903	.629
178.	800.0	433.37	1.597	3.568	3.2486	7.281	14.745	2.604	1.009	4.842	.630
180.	800.0	440.62	1.587	3.583	3.2594	7.321	14.859	2.618	1.010	4.782	.631
185.	800.0	458.74	1.563	3.620	3.2862	7.421	15.143	2.655	1.014	4.637	.635
190.	800.0	476.86	1.539	3.658	3.3131	7.521	15.427	2.692	1.017	4.499	.638
195.	800.0	494.99	1.515	3.695	3.3399	7.621	15.711	2.729	1.021	4.369	.642
200.	800.0	511.93	1.485	3.762	3.3657	7.736	16.157	2.773	1.025	4.242	.646
205.	800.0	531.71	1.478	3.777	3.3964	7.816	16.393	2.809	1.026	4.135	.647
210.	800.0	551.50	1.472	3.792	3.4272	7.896	16.629	2.844	1.027	4.034	.649
215.	800.0	571.28	1.466	3.807	3.4579	7.977	16.865	2.880	1.027	3.937	.650
220.	800.0	591.06	1.459	3.822	3.4887	8.057	17.101	2.916	1.028	3.844	.652
225.	800.0	610.85	1.453	3.837	3.5194	8.138	17.337	2.951	1.029	3.756	.653
230.	800.0	630.63	1.446	3.852	3.5502	8.218	17.573	2.987	1.030	3.671	.655
235.	800.0	650.41	1.440	3.867	3.5809	8.298	17.808	3.023	1.031	3.590	.656
240.	800.0	670.20	1.434	3.882	3.6117	8.379	18.044	3.058	1.032	3.512	.658
245.	800.0	689.98	1.427	3.897	3.6424	8.459	18.280	3.094	1.032	3.438	.660
250.	800.0	709.76	1.421	3.912	3.6732	8.540	18.516	3.130	1.033	3.366	.661
255.	800.0	729.55	1.415	3.927	3.7039	8.620	18.752	3.165	1.034	3.298	.663
260.	800.0	749.33	1.408	3.942	3.7347	8.700	18.988	3.201	1.035	3.232	.665
265.	800.0	769.12	1.402	3.957	3.7654	8.781	19.224	3.237	1.036	3.168	.666
270.	800.0	788.90	1.396	3.972	3.7962	8.861	19.460	3.272	1.037	3.107	.668
275.	800.0	808.68	1.389	3.987	3.8269	8.942	19.696	3.308	1.037	3.048	.670
280.	800.0	828.47	1.383	4.002	3.8577	9.022	19.932	3.343	1.038	2.991	.671
285.	800.0	848.25	1.376	4.017	3.8884	9.103	20.168	3.379	1.039	2.937	.673
290.	800.0	868.03	1.370	4.032	3.9192	9.183	20.404	3.415	1.040	2.884	.675
295.	800.0	887.82	1.364	4.047	3.9499	9.263	20.640	3.450	1.041	2.832	.677
300.	800.0	907.60	1.357	4.062	3.9806	9.344	20.875	3.486	1.041	2.783	.678
305.	800.0	927.35	1.358	4.050	4.0115	9.399	20.981	3.521	1.041	2.738	.680
310.	800.0	947.10	1.359	4.038	4.0423	9.455	21.087	3.556	1.041	2.694	.681
315.	800.0	966.85	1.360	4.026	4.0731	9.511	21.193	3.592	1.041	2.652	.682
320.	800.0	986.60	1.361	4.014	4.1039	9.567	21.299	3.627	1.041	2.611	.683
325.	800.0	1006.35	1.362	4.001	4.1347	9.622	21.405	3.662	1.041	2.571	.685
330.	800.0	1026.10	1.363	3.989	4.1655	9.678	21.511	3.697	1.041	2.532	.686
335.	800.0	1045.85	1.364	3.977	4.1963	9.734	21.617	3.732	1.040	2.495	.687
340.	800.0	1065.60	1.365	3.965	4.2271	9.789	21.722	3.767	1.040	2.458	.688
345.	800.0	1085.35	1.366	3.953	4.2579	9.845	21.828	3.803	1.040	2.423	.689
350.	800.0	1105.10	1.367	3.940	4.2887	9.901	21.934	3.838	1.040	2.389	.689
355.	800.0	1124.85	1.368	3.928	4.3195	9.957	22.040	3.873	1.040	2.356	.690
360.	800.0	1144.60	1.369	3.916	4.3503	10.012	22.146	3.908	1.040	2.323	.691
365.	800.0	1164.35	1.369	3.904	4.3811	10.068	22.252	3.943	1.040	2.292	.692
370.	800.0	1184.10	1.370	3.892	4.4120	10.124	22.358	3.978	1.039	2.261	.692
375.	800.0	1203.85	1.371	3.879	4.4428	10.179	22.464	4.013	1.039	2.231	.693
380.	800.0	1223.60	1.372	3.867	4.4736	10.235	22.569	4.049	1.039	2.202	.694
385.	800.0	1243.35	1.373	3.855	4.5044	10.291	22.675	4.084	1.039	2.174	.694
390.	800.0	1263.10	1.374	3.843	4.5352	10.347	22.781	4.119	1.039	2.146	.695
395.	800.0	1282.85	1.375	3.831	4.5660	10.402	22.887	4.154	1.039	2.119	.695
400.	800.0	1304.77	1.376	3.794	4.6126	10.562	23.228	4.201	1.039	2.093	.686
420.	800.0	1377.05	1.380	3.769	4.7127	10.703	23.767	4.322	1.038	1.994	.686
440.	800.0	1449.32	1.382	3.745	4.8129	10.843	24.306	4.443	1.037	1.905	.685
460.	800.0	1521.60	1.383	3.721	4.9131	10.984	24.845	4.564	1.036	1.824	.684

480.	800.0	1593.87	1.385	3.696	5.0132	11.124	25.384	4.685	1.036	1.749	.682
500.	800.0	1666.14	1.397	3.672	5.1134	11.265	25.922	4.806	1.035	1.681	.681
520.	800.0	1738.42	1.389	3.648	5.2135	11.405	26.461	4.927	1.034	1.617	.579
540.	800.0	1810.69	1.390	3.623	5.3137	11.546	27.000	5.048	1.033	1.559	.677
560.	800.0	1882.97	1.392	3.599	5.4139	11.687	27.539	5.169	1.032	1.504	.576
580.	800.0	1955.24	1.394	3.575	5.5140	11.827	28.078	5.290	1.031	1.454	.674
600.	800.0	2027.51	1.396	3.550	5.6142	11.968	28.616	5.411	1.031	1.406	.671
620.	800.0	2099.79	1.398	3.526	5.7144	12.109	29.155	5.532	1.030	1.362	.669
640.	800.0	2172.06	1.399	3.501	5.8145	12.249	29.694	5.653	1.029	1.320	.667
660.	800.0	2242.95	1.400	3.489	5.9034	12.363	30.268	5.768	1.028	1.281	.665
680.	800.0	2312.44	1.400	3.489	5.9811	12.451	30.878	5.876	1.028	1.244	.664
700.	800.0	2381.93	1.400	3.488	6.0587	12.537	31.488	5.984	1.027	1.209	.663
720.	800.0	2451.42	1.399	3.488	6.1364	12.627	32.098	6.093	1.027	1.176	.662
740.	800.0	2520.91	1.399	3.487	6.2140	12.715	32.708	6.201	1.026	1.145	.661
760.	800.0	2590.41	1.399	3.487	6.2916	12.803	33.318	6.309	1.026	1.116	.660
780.	800.0	2659.90	1.399	3.486	6.3693	12.891	33.928	6.417	1.025	1.088	.659
800.	800.0	2729.39	1.398	3.486	6.4469	12.979	34.538	6.525	1.024	1.061	.659
820.	800.0	2798.88	1.398	3.485	6.5246	13.067	35.148	6.633	1.024	1.036	.658
840.	800.0	2868.37	1.398	3.485	6.6022	13.155	35.758	6.742	1.023	1.012	.657
860.	800.0	2937.87	1.397	3.485	6.6799	13.243	36.368	6.850	1.023	.989	.656
880.	800.0	3007.36	1.397	3.484	6.7575	13.331	36.978	6.958	1.022	.967	.656
900.	800.0	3076.85	1.397	3.484	6.8351	13.419	37.587	7.066	1.022	.946	.655
920.	800.0	3146.50	1.397	3.483	6.9032	13.487	38.274	7.170	1.021	.926	.653
940.	800.0	3216.14	1.397	3.483	6.9713	13.555	38.960	7.274	1.021	.906	.650
960.	800.0	3285.79	1.397	3.482	7.0394	13.623	39.646	7.378	1.021	.888	.648
980.	800.0	3355.43	1.397	3.482	7.1075	13.691	40.332	7.482	1.020	.870	.646
1000.	800.0	3425.08	1.396	3.482	7.1756	13.759	41.018	7.586	1.020	.853	.644
1050.	800.0	3599.19	1.396	3.481	7.3458	13.929	42.734	7.845	1.019	.813	.639
1100.	800.0	3773.31	1.396	3.479	7.5161	14.099	44.449	8.105	1.018	.777	.634
1150.	800.0	3947.42	1.396	3.478	7.5863	14.269	46.165	8.365	1.017	.743	.630
1200.	800.0	4122.08	1.395	3.485	7.8351	14.405	47.115	8.642	1.016	.713	.639
1250.	800.0	4296.74	1.393	3.491	7.9839	14.542	48.065	8.919	1.016	.685	.648
1300.	800.0	4471.40	1.392	3.498	8.1327	14.673	49.015	9.196	1.015	.659	.656
1350.	800.0	4646.06	1.391	3.504	8.2816	14.815	49.965	9.472	1.015	.635	.664
1400.	800.0	4818.52	1.390	3.505	8.4410	14.962	50.313	9.779	1.014	.613	.682
1450.	800.0	4996.30	1.389	3.516	8.5693	15.069	51.738	10.018	1.013	.592	.681
1500.	800.0	5174.08	1.387	3.527	8.6976	15.175	53.164	10.257	1.013	.572	.680
1550.	800.0	5351.86	1.386	3.537	8.8258	15.281	54.589	10.496	1.013	.554	.680
1600.	800.0	5529.63	1.384	3.547	8.9541	15.387	56.014	10.735	1.012	.537	.680
1650.	800.0	5707.41	1.382	3.557	9.0824	15.494	57.440	10.973	1.012	.521	.680
1700.	800.0	5885.19	1.381	3.567	9.2106	15.600	58.865	11.212	1.012	.506	.679
1750.	800.0	6062.96	1.379	3.577	9.3389	15.705	60.291	11.451	1.011	.491	.679
1800.	800.0	6240.74	1.378	3.587	9.4672	15.812	61.716	11.690	1.011	.478	.680
1850.	800.0	6418.52	1.376	3.598	9.5954	15.919	63.141	11.929	1.010	.465	.680
1900.	800.0	6596.30	1.375	3.608	9.7237	16.025	64.567	12.167	1.010	.453	.680
1950.	800.0	6774.07	1.373	3.618	9.8520	16.131	65.992	12.406	1.010	.442	.680
2000.	800.0	6951.85	1.372	3.628	9.9802	16.237	67.417	12.645	1.009	.431	.680
2050.	800.0	7137.40	1.370	3.643	10.0859	16.318	68.934	12.887	1.009	.420	.680
2100.	800.0	7322.96	1.368	3.657	10.1915	16.398	70.450	13.089	1.009	.410	.679
2150.	800.0	7508.51	1.366	3.671	10.2971	16.473	71.967	13.311	1.009	.401	.679
2200.	800.0	7694.07	1.364	3.686	10.4027	16.553	73.483	13.533	1.008	.392	.679
2250.	800.0	7879.62	1.362	3.700	10.5084	16.633	75.000	13.755	1.008	.383	.579
2300.	800.0	8065.17	1.360	3.715	10.6140	16.713	76.516	13.977	1.008	.375	.679
2350.	800.0	8250.73	1.358	3.729	10.7196	16.799	78.032	14.200	1.008	.367	.679
2400.	800.0	8436.28	1.356	3.744	10.8252	16.879	79.549	14.422	1.008	.360	.679
2450.	800.0	8621.84	1.355	3.758	10.9309	16.959	81.065	14.644	1.007	.352	.579
2500.	800.0	8807.39	1.353	3.773	11.0365	17.039	82.582	14.866	1.007	.345	.679
2550.	800.0	8992.95	1.351	3.787	11.1421	17.119	84.098	15.088	1.007	.339	.679
2600.	800.0	9178.50	1.349	3.802	11.2477	17.199	85.614	15.310	1.007	.332	.680
2650.	800.0	9372.62	1.347	3.816	11.3439	17.263	87.179	15.522	1.007	.326	.679
2700.	800.0	9566.75	1.346	3.830	11.4341	17.333	88.744	15.734	1.007	.320	.679
2750.	800.0	9760.87	1.344	3.844	11.5272	17.403	90.308	15.946	1.007	.314	.679

2300.	800.0	9555.00	1.342	3.858	11.6204	17.467	91.873	16.156	1.006	.309	.679
2350.	800.0	10149.12	1.341	3.873	11.7136	17.534	93.436	16.370	1.006	.303	.678
2900.	800.0	10343.25	1.339	3.887	11.8067	17.601	95.002	16.581	1.006	.298	.678
2950.	800.0	10537.37	1.337	3.901	11.8999	17.668	96.567	16.793	1.006	.293	.678
3000.	800.0	10731.50	1.336	3.915	11.9931	17.735	98.131	17.005	1.006	.288	.678
3050.	800.0	10925.62	1.334	3.929	12.0862	17.802	99.696	17.217	1.006	.283	.679
3100.	800.0	11119.75	1.332	3.943	12.1794	17.869	101.261	17.429	1.006	.279	.679
3150.	800.0	11313.87	1.331	3.957	12.2726	17.936	102.825	17.641	1.006	.275	.679
3200.	800.0	11508.00	1.329	3.972	12.3657	18.003	104.390	17.853	1.005	.270	.679
3250.	800.0	11711.87	1.328	3.989	12.4484	18.061	106.218	18.057	1.005	.266	.678
3300.	800.0	11915.75	1.326	4.007	12.5310	18.119	108.045	18.261	1.005	.262	.677
3350.	800.0	12119.63	1.324	4.025	12.6135	18.177	109.873	18.465	1.005	.258	.676
3400.	800.0	12323.50	1.323	4.043	12.6962	18.235	111.701	18.669	1.005	.254	.676
3450.	800.0	12527.37	1.321	4.061	12.7789	18.293	113.529	18.873	1.005	.251	.675
3500.	800.0	12731.25	1.319	4.079	12.8615	18.351	115.356	19.077	1.005	.247	.675
3550.	800.0	12935.12	1.318	4.097	12.9441	18.409	117.184	19.281	1.005	.244	.674
3600.	800.0	13139.00	1.316	4.115	13.0267	18.467	119.012	19.485	1.005	.240	.674
3650.	800.0	13342.88	1.314	4.133	13.1094	18.525	120.839	19.689	1.005	.237	.673
3700.	800.0	13546.75	1.313	4.151	13.1920	18.583	122.667	19.893	1.005	.234	.673
3750.	800.0	13750.62	1.311	4.168	13.2746	18.641	124.495	20.097	1.005	.231	.673
3800.	800.0	13954.00	1.310	4.181	13.3570	18.622	126.690	20.299	1.005	.228	.673
3850.	800.0	14167.69	1.308	4.208	13.4321	18.676	128.462	20.498	1.005	.225	.671
3900.	800.0	14381.38	1.306	4.234	13.5072	18.729	130.835	20.698	1.005	.222	.670
3950.	800.0	14595.06	1.304	4.261	13.5824	18.783	133.207	20.897	1.005	.219	.668
4000.	800.0	14808.75	1.302	4.288	13.6575	18.836	135.580	21.097	1.005	.216	.667
4050.	800.0	15022.44	1.301	4.314	13.7326	18.890	137.952	21.296	1.005	.214	.666
4100.	800.0	15236.13	1.299	4.341	13.8077	18.944	140.325	21.496	1.005	.211	.665
4150.	800.0	15449.81	1.297	4.367	13.8829	18.997	142.697	21.695	1.005	.209	.664
4200.	800.0	15663.50	1.295	4.394	13.9580	19.051	145.070	21.895	1.005	.206	.663
4250.	800.0	15890.88	1.293	4.438	14.0261	19.103	148.512	22.091	1.005	.204	.660
4300.	800.0	16118.25	1.290	4.481	14.0941	19.155	151.954	22.287	1.005	.201	.657
4350.	800.0	16345.63	1.288	4.525	14.1622	19.206	155.396	22.484	1.005	.199	.655
4400.	800.0	16573.00	1.286	4.569	14.2302	19.258	158.837	22.680	1.005	.197	.652
4450.	800.0	16800.38	1.284	4.613	14.2983	19.310	162.279	22.876	1.005	.194	.650
4500.	800.0	17027.75	1.281	4.656	14.3664	19.362	165.721	23.072	1.005	.192	.648
4550.	800.0	17255.13	1.279	4.700	14.4344	19.414	169.163	23.269	1.005	.190	.646
4600.	800.0	17482.50	1.277	4.744	14.5025	19.465	172.605	23.465	1.006	.188	.645
4650.	800.0	17733.88	1.274	4.815	14.5655	19.518	177.959	23.659	1.006	.186	.640
4700.	800.0	17985.25	1.272	4.887	14.6285	19.570	183.312	23.854	1.006	.184	.636
4750.	800.0	18236.63	1.269	4.958	14.6915	19.622	188.666	24.048	1.007	.182	.632
4800.	800.0	18488.00	1.267	5.029	14.7545	19.674	194.020	24.242	1.007	.180	.628
4850.	800.0	18739.33	1.264	5.101	14.8175	19.727	199.374	24.437	1.007	.178	.625
4900.	800.0	18990.75	1.262	5.172	14.8805	19.779	204.727	24.631	1.007	.176	.622
4950.	800.0	19242.13	1.259	5.244	14.9435	19.831	210.081	24.825	1.008	.174	.620
5000.	800.0	19493.50	1.257	5.315	15.0065	19.883	215.435	25.019	1.008	.173	.617

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR * (10)**4 PV/RT	DENSITY (LB/CU.IN)	FRANDTL NUMBER
										K=9200	
36.	900.0	-84.71	1.432	1.919	5.3386	1.635	17.209	11.005	.973	27.923	1.227
38.	900.0	-80.70	1.470	2.014	5.2658	1.741	16.950	10.164	.934	27.553	1.207
40.	900.0	-76.69	1.507	2.108	5.1930	1.847	15.691	9.323	.896	27.310	1.177
42.	900.0	-72.28	1.550	2.204	5.1133	1.952	16.501	8.709	.865	26.917	1.163
44.	900.0	-67.88	1.592	2.301	5.0437	2.057	16.312	8.094	.835	26.622	1.142
46.	900.0	-63.08	1.640	2.401	4.9616	2.161	16.168	7.613	.811	26.215	1.131
48.	900.0	-58.29	1.688	2.502	4.8795	2.266	16.025	7.132	.787	25.885	1.113
50.	900.0	-53.08	1.741	2.607	4.7904	2.370	15.909	6.743	.769	25.455	1.105
52.	900.0	-47.87	1.795	2.713	4.7014	2.474	15.793	6.354	.750	25.088	1.091
54.	900.0	-42.23	1.854	2.823	4.6065	2.577	15.688	6.030	.735	24.632	1.085
56.	900.0	-36.59	1.914	2.934	4.5119	2.683	15.583	5.706	.721	24.227	1.074
58.	900.0	-30.50	1.980	3.052	4.4121	2.788	15.476	5.430	.710	23.742	1.071
60.	900.0	-24.41	2.046	3.169	4.3123	2.893	15.369	5.154	.700	23.299	1.063
62.	900.0	-17.82	2.119	3.295	4.2083	3.000	15.251	4.916	.693	22.776	1.062
64.	900.0	-11.40	2.212	3.455	4.0976	3.106	15.132	4.665	.684	22.356	1.065
66.	900.0	-3.87	2.291	3.586	3.9951	3.216	14.988	4.472	.682	21.718	1.070
68.	900.0	3.65	2.370	3.716	3.8927	3.325	14.844	4.279	.681	21.118	1.071
70.	900.0	11.18	2.450	3.847	3.7902	3.435	14.699	4.086	.680	20.552	1.069
72.	900.0	18.70	2.529	3.977	3.6877	3.545	14.555	3.893	.679	20.018	1.064
74.	900.0	26.23	2.608	4.107	3.5852	3.655	14.410	3.700	.678	19.512	1.055
76.	900.0	35.00	2.665	4.207	3.5052	3.766	14.232	3.569	.684	18.807	1.055
78.	900.0	43.76	2.721	4.306	3.4251	3.877	14.053	3.438	.691	18.141	1.054
80.	900.0	52.53	2.777	4.406	3.3450	3.988	13.874	3.308	.698	17.512	1.050
82.	900.0	61.30	2.834	4.505	3.2649	4.099	13.695	3.177	.705	16.917	1.045
84.	900.0	70.06	2.890	4.604	3.1848	4.209	13.516	3.046	.712	16.353	1.038
86.	900.0	79.30	2.874	4.593	3.1444	4.313	13.361	2.969	.724	15.708	1.021
88.	900.0	88.54	2.858	4.582	3.1040	4.417	13.206	2.892	.736	15.100	1.004
90.	900.0	97.78	2.842	4.571	3.0636	4.521	13.050	2.816	.748	14.527	.986
92.	900.0	107.02	2.826	4.560	3.0232	4.625	12.895	2.739	.760	13.987	.969
94.	900.0	116.25	2.810	4.549	2.9828	4.729	12.740	2.663	.772	13.476	.951
96.	900.0	125.00	2.761	4.479	2.9736	4.817	12.676	2.627	.784	12.994	.928
98.	900.0	133.75	2.711	4.409	2.9644	4.905	12.612	2.590	.796	12.538	.906
100.	900.0	142.50	2.661	4.338	2.9553	4.993	12.547	2.554	.808	12.105	.883
102.	900.0	151.24	2.612	4.268	2.9461	5.082	12.483	2.518	.820	11.694	.861
104.	900.0	161.42	2.528	4.130	2.9393	5.195	12.385	2.466	.839	11.212	.823
106.	900.0	168.98	2.492	4.091	2.9472	5.258	12.425	2.462	.846	10.904	.811
108.	900.0	176.54	2.455	4.052	2.9551	5.322	12.464	2.457	.854	10.608	.799
110.	900.0	184.10	2.419	4.014	2.9630	5.386	12.504	2.453	.861	10.325	.787
112.	900.0	191.65	2.383	3.975	2.9709	5.450	12.543	2.448	.869	10.053	.776
114.	900.0	199.21	2.346	3.936	2.9787	5.514	12.583	2.443	.876	9.792	.764
116.	900.0	206.77	2.310	3.897	2.9865	5.578	12.622	2.439	.884	9.542	.753
118.	900.0	214.33	2.274	3.858	2.9945	5.642	12.662	2.434	.891	9.302	.742
120.	900.0	221.88	2.238	3.819	3.0024	5.705	12.701	2.429	.899	9.070	.730
122.	900.0	229.44	2.201	3.780	3.0102	5.769	12.740	2.425	.906	8.848	.719
124.	900.0	237.00	2.165	3.741	3.0181	5.833	12.780	2.420	.914	8.634	.708
126.	900.0	244.56	2.129	3.702	3.0260	5.897	12.819	2.415	.921	8.428	.697
128.	900.0	252.12	2.093	3.663	3.0339	5.961	12.859	2.411	.929	8.229	.687
130.	900.0	259.67	2.056	3.624	3.0417	6.025	12.898	2.406	.936	8.038	.676
132.	900.0	267.23	2.020	3.585	3.0495	6.089	12.938	2.401	.944	7.854	.665
134.	900.0	274.79	1.984	3.546	3.0575	6.152	12.977	2.397	.951	7.675	.655
136.	900.0	282.35	1.948	3.507	3.0654	6.216	13.016	2.392	.959	7.504	.645
138.	900.0	289.31	1.930	3.509	3.0761	6.262	13.116	2.403	.962	7.372	.643
140.	900.0	296.27	1.912	3.511	3.0868	6.308	13.216	2.415	.965	7.244	.642
142.	900.0	303.23	1.894	3.513	3.0975	6.353	13.315	2.426	.968	7.120	.640
144.	900.0	310.19	1.876	3.515	3.1082	6.399	13.415	2.438	.971	7.000	.639
146.	900.0	317.16	1.858	3.517	3.1189	6.445	13.514	2.449	.974	6.883	.637
148.	900.0	324.12	1.840	3.518	3.1295	6.490	13.614	2.461	.977	6.769	.636
150.	900.0	331.08	1.822	3.520	3.1403	6.536	13.713	2.472	.979	6.658	.635

152.	900.0	338.04	1.804	3.522	3.1513	5.581	13.813	2.483	.982	6.551	.633
154.	900.0	345.00	1.786	3.524	3.1517	6.627	13.912	2.495	.985	6.446	.632
156.	900.0	351.96	1.768	3.525	3.1724	6.673	14.012	2.506	.988	6.344	.631
158.	900.0	358.92	1.751	3.528	3.1831	6.718	14.111	2.518	.991	6.245	.629
160.	900.0	365.89	1.733	3.530	3.1938	6.764	14.211	2.529	.994	6.149	.628
162.	900.0	372.85	1.715	3.532	3.2046	6.810	14.310	2.541	.997	6.055	.627
164.	900.0	379.81	1.697	3.533	3.2153	6.855	14.410	2.552	1.000	5.963	.626
166.	900.0	386.77	1.679	3.535	3.2260	6.901	14.509	2.563	1.003	5.874	.625
168.	900.0	393.73	1.661	3.537	3.2367	6.947	14.609	2.575	1.006	5.786	.623
170.	900.0	401.05	1.651	3.551	3.2473	6.987	14.725	2.589	1.008	5.710	.624
172.	900.0	408.37	1.641	3.566	3.2574	7.027	14.840	2.603	1.009	5.636	.625
174.	900.0	415.69	1.631	3.580	3.2678	7.068	14.956	2.617	1.011	5.563	.626
176.	900.0	423.01	1.621	3.594	3.2781	7.108	15.072	2.631	1.012	5.492	.627
178.	900.0	430.33	1.611	3.608	3.2885	7.148	15.188	2.644	1.013	5.423	.628
180.	900.0	437.65	1.601	3.622	3.2988	7.189	15.304	2.658	1.015	5.355	.629
185.	900.0	455.95	1.576	3.658	3.3243	7.290	15.594	2.693	1.019	5.192	.632
190.	900.0	474.25	1.551	3.693	3.3507	7.391	15.883	2.728	1.022	5.037	.634
195.	900.0	492.55	1.526	3.729	3.3766	7.491	16.173	2.763	1.026	4.891	.637
200.	900.0	509.74	1.494	3.792	3.4010	7.608	16.632	2.806	1.030	4.748	.640
205.	900.0	529.63	1.487	3.805	3.4314	7.689	16.866	2.840	1.031	4.628	.641
210.	900.0	549.51	1.480	3.820	3.4618	7.769	17.099	2.875	1.032	4.514	.642
215.	900.0	569.39	1.474	3.834	3.4922	7.850	17.333	2.910	1.033	4.406	.644
220.	900.0	589.28	1.467	3.849	3.5226	7.931	17.566	2.944	1.034	4.302	.645
225.	900.0	609.16	1.460	3.863	3.5530	8.012	17.800	2.979	1.034	4.203	.646
230.	900.0	629.04	1.454	3.877	3.5834	8.093	18.033	3.014	1.035	4.108	.648
235.	900.0	648.92	1.447	3.891	3.6138	8.174	18.266	3.048	1.036	4.017	.649
240.	900.0	668.81	1.440	3.905	3.6442	8.254	18.500	3.083	1.037	3.931	.651
245.	900.0	688.69	1.434	3.919	3.6746	8.335	18.733	3.118	1.038	3.847	.652
250.	900.0	708.57	1.427	3.933	3.7050	8.416	18.967	3.152	1.039	3.767	.654
255.	900.0	728.45	1.420	3.947	3.7354	8.497	19.200	3.187	1.040	3.690	.655
260.	900.0	748.34	1.414	3.961	3.7658	8.578	19.433	3.222	1.040	3.616	.657
265.	900.0	768.22	1.407	3.975	3.7962	8.659	19.667	3.257	1.041	3.545	.658
270.	900.0	788.10	1.400	3.989	3.8266	8.739	19.900	3.291	1.042	3.477	.660
275.	900.0	807.99	1.394	4.003	3.8570	8.820	20.134	3.326	1.043	3.411	.661
280.	900.0	827.87	1.387	4.018	3.8874	8.901	20.367	3.361	1.044	3.347	.663
285.	900.0	847.75	1.380	4.032	3.9178	8.982	20.601	3.395	1.045	3.286	.664
290.	900.0	867.63	1.374	4.046	3.9482	9.063	20.834	3.430	1.046	3.226	.666
295.	900.0	887.52	1.367	4.060	3.9785	9.143	21.067	3.465	1.046	3.169	.668
300.	900.0	907.40	1.360	4.074	4.0090	9.224	21.301	3.499	1.047	3.114	.669
305.	900.0	927.19	1.361	4.061	4.0397	9.280	21.400	3.534	1.047	3.063	.671
310.	900.0	946.98	1.362	4.049	4.0705	9.336	21.500	3.569	1.047	3.014	.672
315.	900.0	966.78	1.363	4.037	4.1012	9.392	21.599	3.604	1.047	2.967	.674
320.	900.0	986.57	1.364	4.024	4.1319	9.448	21.699	3.639	1.046	2.921	.675
325.	900.0	1006.36	1.365	4.012	4.1626	9.503	21.799	3.674	1.046	2.877	.676
330.	900.0	1026.15	1.366	3.999	4.1934	9.559	21.898	3.709	1.046	2.834	.677
335.	900.0	1045.95	1.366	3.987	4.2241	9.615	21.998	3.743	1.046	2.792	.678
340.	900.0	1065.74	1.367	3.974	4.2548	9.671	22.097	3.778	1.046	2.751	.680
345.	900.0	1085.53	1.368	3.962	4.2855	9.727	22.197	3.813	1.046	2.712	.681
350.	900.0	1105.32	1.369	3.949	4.3162	9.783	22.296	3.848	1.045	2.674	.682
355.	900.0	1125.12	1.370	3.937	4.3470	9.838	22.396	3.883	1.045	2.636	.683
360.	900.0	1144.91	1.371	3.924	4.3777	9.894	22.495	3.918	1.045	2.600	.683
365.	900.0	1164.70	1.372	3.912	4.4084	9.950	22.595	3.953	1.045	2.565	.684
370.	900.0	1184.49	1.373	3.900	4.4391	10.006	22.695	3.987	1.045	2.531	.685
375.	900.0	1204.29	1.373	3.887	4.4698	10.062	22.794	4.022	1.044	2.498	.686
380.	900.0	1224.08	1.374	3.875	4.5005	10.118	22.894	4.057	1.044	2.465	.687
385.	900.0	1243.87	1.375	3.862	4.5313	10.173	22.993	4.092	1.044	2.434	.687
390.	900.0	1263.65	1.376	3.850	4.5620	10.229	23.093	4.127	1.044	2.403	.688
395.	900.0	1283.46	1.377	3.837	4.5927	10.285	23.192	4.162	1.044	2.373	.689
400.	900.0	1303.34	1.380	3.801	4.6387	10.360	23.499	4.208	1.044	2.343	.681
420.	900.0	1377.71	1.382	3.776	4.7385	10.501	24.026	4.328	1.043	2.233	.680
440.	900.0	1450.08	1.383	3.751	4.8383	10.642	24.554	4.449	1.042	2.134	.680
460.	900.0	1522.44	1.385	3.726	4.9381	10.783	25.081	4.570	1.041	2.043	.679

480.	900.0	1594.81	1.387	3.702	5.0377	10.924	25.608	4.690	1.040	1.960	.678
500.	900.0	1667.18	1.388	3.677	5.1377	11.064	26.136	4.811	1.039	1.883	.677
520.	900.0	1739.55	1.390	3.652	5.2375	11.205	26.663	4.932	1.038	1.812	.676
540.	900.0	1811.92	1.392	3.628	5.3373	11.346	27.191	5.053	1.037	1.747	.674
560.	900.0	1884.29	1.393	3.603	5.4371	11.487	27.718	5.173	1.036	1.686	.672
580.	900.0	1956.66	1.395	3.573	5.5369	11.627	28.246	5.294	1.035	1.629	.671
600.	900.0	2029.03	1.397	3.553	5.6367	11.768	28.773	5.415	1.034	1.576	.669
620.	900.0	2101.40	1.398	3.529	5.7365	11.909	29.301	5.536	1.034	1.527	.667
640.	900.0	2173.77	1.400	3.504	5.8363	12.050	29.828	5.656	1.033	1.480	.664
660.	900.0	2244.71	1.401	3.491	5.9249	12.164	30.395	5.771	1.032	1.436	.663
680.	900.0	2314.24	1.400	3.491	6.0023	12.252	31.001	5.879	1.031	1.395	.662
700.	900.0	2383.76	1.400	3.490	6.0797	12.340	31.607	5.987	1.031	1.356	.661
720.	900.0	2453.29	1.400	3.490	6.1570	12.428	32.213	6.095	1.030	1.319	.660
740.	900.0	2522.82	1.399	3.489	6.2344	12.516	32.819	6.203	1.029	1.284	.659
760.	900.0	2592.34	1.399	3.489	6.3118	12.604	33.425	6.311	1.029	1.251	.659
780.	900.0	2661.87	1.399	3.488	6.3892	12.692	34.032	6.419	1.028	1.220	.658
800.	900.0	2731.39	1.398	3.488	6.4666	12.780	34.638	6.527	1.027	1.190	.657
820.	900.0	2800.92	1.398	3.487	6.5439	12.868	35.244	6.635	1.027	1.162	.657
840.	900.0	2870.45	1.398	3.486	6.6213	12.957	35.850	6.744	1.026	1.135	.656
860.	900.0	2939.97	1.398	3.486	6.6987	13.045	36.456	6.852	1.026	1.109	.655
880.	900.0	3009.50	1.397	3.485	6.7761	13.133	37.062	6.960	1.025	1.085	.654
900.	900.0	3079.02	1.397	3.485	6.8535	13.221	37.668	7.068	1.024	1.061	.654
920.	900.0	3148.69	1.397	3.484	6.9214	13.289	38.353	7.172	1.024	1.039	.652
940.	900.0	3218.35	1.397	3.484	6.9893	13.357	39.038	7.276	1.023	1.017	.649
960.	900.0	3288.01	1.397	3.483	7.0572	13.425	39.723	7.379	1.023	.996	.647
980.	900.0	3357.68	1.397	3.483	7.1251	13.493	40.407	7.483	1.023	.976	.645
1000.	900.0	3427.34	1.397	3.483	7.1930	13.561	41.092	7.587	1.022	.957	.643
1050.	900.0	3601.50	1.396	3.481	7.3628	13.730	42.804	7.847	1.021	.912	.638
1100.	900.0	3775.65	1.396	3.480	7.5326	13.900	44.516	8.107	1.020	.872	.634
1150.	900.0	3949.81	1.396	3.479	7.7023	14.070	46.228	8.366	1.019	.835	.630
1200.	900.0	4124.50	1.395	3.485	7.8537	14.207	47.167	8.643	1.019	.800	.639
1250.	900.0	4299.19	1.393	3.492	7.9991	14.344	48.106	8.920	1.018	.769	.647
1300.	900.0	4473.88	1.392	3.498	8.1475	14.480	49.044	9.196	1.017	.740	.656
1350.	900.0	4648.57	1.391	3.504	8.2959	14.617	49.983	9.473	1.016	.713	.664
1400.	900.0	4821.06	1.390	3.507	8.4544	14.764	50.913	9.779	1.015	.688	.682
1450.	900.0	4998.85	1.388	3.517	8.5829	14.870	51.738	10.018	1.015	.665	.681
1500.	900.0	5176.63	1.387	3.527	8.7109	14.977	53.164	10.257	1.015	.643	.680
1550.	900.0	5354.42	1.385	3.537	8.8390	15.083	54.589	10.496	1.014	.622	.680
1600.	900.0	5532.20	1.384	3.547	8.9670	15.189	56.015	10.735	1.014	.603	.680
1650.	900.0	5709.98	1.382	3.557	9.0950	15.295	57.440	10.973	1.013	.585	.680
1700.	900.0	5887.77	1.381	3.567	9.2230	15.402	58.865	11.212	1.013	.568	.679
1750.	900.0	6065.55	1.379	3.577	9.3510	15.508	60.291	11.451	1.013	.552	.679
1800.	900.0	6243.34	1.378	3.588	9.4791	15.614	61.716	11.690	1.012	.537	.680
1850.	900.0	6421.12	1.376	3.598	9.6071	15.720	63.142	11.929	1.012	.523	.680
1900.	900.0	6598.91	1.375	3.608	9.7351	15.827	64.567	12.167	1.011	.509	.680
1950.	900.0	6776.69	1.373	3.618	9.8631	15.933	65.992	12.406	1.011	.496	.680
2000.	900.0	6954.47	1.372	3.628	9.9911	16.039	67.418	12.645	1.010	.484	.680
2050.	900.0	7140.03	1.370	3.643	10.0966	16.119	68.934	12.867	1.010	.472	.680
2100.	900.0	7325.58	1.368	3.657	10.2021	16.200	70.450	13.089	1.010	.461	.679
2150.	900.0	7511.13	1.366	3.671	10.3076	16.280	71.966	13.311	1.010	.451	.679
2200.	900.0	7696.68	1.364	3.686	10.4130	16.360	73.483	13.533	1.010	.440	.679
2250.	900.0	7882.24	1.362	3.700	10.5185	16.440	74.999	13.755	1.009	.431	.679
2300.	900.0	8067.79	1.360	3.715	10.6240	16.520	76.515	13.977	1.009	.422	.679
2350.	900.0	8253.34	1.358	3.729	10.7295	16.600	78.031	14.200	1.009	.413	.679
2400.	900.0	8438.89	1.356	3.744	10.8350	16.680	79.548	14.422	1.009	.404	.679
2450.	900.0	8624.44	1.354	3.758	10.9404	16.761	81.064	14.644	1.008	.396	.679
2500.	900.0	8810.00	1.352	3.773	11.0459	16.841	82.580	14.866	1.008	.388	.679
2550.	900.0	8995.55	1.351	3.787	11.1514	16.921	84.096	15.088	1.008	.381	.679
2600.	900.0	9181.10	1.349	3.802	11.2569	17.001	85.613	15.310	1.008	.373	.680
2650.	900.0	9375.22	1.347	3.816	11.3530	17.063	87.176	15.522	1.008	.366	.679
2700.	900.0	9569.33	1.345	3.830	11.4430	17.135	88.739	15.734	1.007	.360	.679
2750.	900.0	9763.45	1.344	3.844	11.5361	17.202	90.302	15.946	1.007	.353	.679

2800.	900.0	9957.57	1.342	3.858	11.6292	17.269	91.865	16.158	1.007	.347	.679
2850.	900.0	10151.68	1.341	3.872	11.7223	17.336	93.426	16.370	1.007	.341	.678
2900.	900.0	10345.80	1.339	3.886	11.8154	17.403	94.991	16.581	1.007	.335	.678
2950.	900.0	10539.92	1.337	3.900	11.9085	17.470	96.554	16.793	1.007	.329	.678
3000.	900.0	10734.03	1.336	3.914	12.0015	17.537	98.118	17.005	1.007	.324	.678
3050.	900.0	10928.15	1.334	3.929	12.0945	17.604	99.681	17.217	1.007	.319	.679
3100.	900.0	11122.27	1.332	3.943	12.1877	17.671	101.244	17.429	1.006	.314	.679
3150.	900.0	11316.38	1.331	3.957	12.2808	17.738	102.807	17.641	1.006	.309	.679
3200.	900.0	11510.50	1.329	3.971	12.3739	17.805	104.370	17.853	1.006	.304	.679
3250.	900.0	11714.15	1.328	3.988	12.4566	17.863	106.163	18.057	1.006	.299	.678
3300.	900.0	11917.79	1.326	4.005	12.5394	17.921	107.957	18.261	1.006	.295	.677
3350.	900.0	12121.44	1.324	4.022	12.6222	17.979	109.750	18.465	1.006	.290	.677
3400.	900.0	12325.08	1.323	4.039	12.7050	18.037	111.544	18.669	1.006	.286	.676
3450.	900.0	12528.73	1.321	4.057	12.7877	18.095	113.337	18.873	1.006	.282	.675
3500.	900.0	12732.38	1.320	4.074	12.8705	18.153	115.131	19.077	1.006	.278	.675
3550.	900.0	12936.02	1.318	4.091	12.9533	18.211	116.924	19.281	1.006	.274	.675
3600.	900.0	13139.67	1.316	4.108	13.0360	18.268	118.717	19.485	1.005	.270	.674
3650.	900.0	13343.31	1.315	4.125	13.1188	18.326	120.511	19.689	1.005	.267	.674
3700.	900.0	13546.96	1.313	4.142	13.2015	18.384	122.304	19.893	1.005	.263	.674
3750.	900.0	13750.60	1.312	4.159	13.2844	18.442	124.098	20.097	1.005	.260	.674
3800.	900.0	13955.50	1.310	4.177	13.3650	18.507	125.930	20.299	1.005	.256	.673
3850.	900.0	14168.84	1.308	4.203	13.4433	18.561	128.259	20.498	1.005	.253	.672
3900.	900.0	14382.19	1.306	4.229	13.5155	18.615	130.589	20.698	1.005	.250	.670
3950.	900.0	14595.53	1.305	4.255	13.5909	18.668	132.918	20.897	1.005	.246	.669
4000.	900.0	14808.88	1.303	4.280	13.6662	18.722	135.247	21.097	1.005	.243	.668
4050.	900.0	15022.22	1.301	4.306	13.7416	18.775	137.577	21.296	1.005	.240	.667
4100.	900.0	15235.56	1.299	4.332	13.8169	18.829	139.906	21.496	1.005	.237	.666
4150.	900.0	15448.91	1.297	4.358	13.8922	18.882	142.236	21.695	1.005	.235	.665
4200.	900.0	15662.25	1.295	4.384	13.9675	18.936	144.565	21.895	1.005	.232	.664
4250.	900.0	15888.81	1.293	4.425	14.0358	18.988	147.909	22.091	1.005	.229	.661
4300.	900.0	16115.38	1.291	4.467	14.1042	19.039	151.253	22.287	1.005	.226	.658
4350.	900.0	16341.94	1.289	4.509	14.1725	19.091	154.597	22.484	1.005	.224	.656
4400.	900.0	16568.50	1.287	4.551	14.2409	19.142	157.941	22.680	1.005	.221	.654
4450.	900.0	16795.06	1.284	4.593	14.3092	19.194	161.285	22.876	1.006	.219	.651
4500.	900.0	17021.63	1.282	4.635	14.3776	19.246	164.629	23.072	1.006	.216	.650
4550.	900.0	17248.19	1.280	4.677	14.4459	19.297	167.973	23.268	1.006	.214	.648
4600.	900.0	17474.75	1.278	4.719	14.5142	19.349	171.318	23.464	1.006	.211	.646
4650.	900.0	17724.25	1.275	4.787	14.5775	19.401	176.474	23.659	1.006	.209	.642
4700.	900.0	17973.75	1.273	4.855	14.6409	19.452	181.631	23.855	1.006	.207	.638
4750.	900.0	18223.25	1.271	4.924	14.7042	19.504	186.788	24.047	1.007	.205	.634
4800.	900.0	18472.75	1.268	4.992	14.7675	19.556	191.945	24.242	1.007	.202	.630
4850.	900.0	18722.25	1.266	5.060	14.8308	19.608	197.102	24.436	1.007	.200	.627
4900.	900.0	18971.75	1.263	5.128	14.8941	19.660	202.259	24.630	1.008	.198	.624
4950.	900.0	19221.25	1.261	5.196	14.9574	19.712	207.416	24.824	1.008	.196	.622
5000.	900.0	19470.75	1.258	5.265	15.0207	19.764	212.572	25.019	1.008	.194	.620

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. DENSITY FACTOR * (10)**4 PV/RT (LB/CU.IN)	FRANZL NUMBER
									R=9200	
36.	1000.0	-81.62	1.414	1.894	5.4305	1.613	17.416	11.380	1.077	28.040
38.	1000.0	-77.67	1.450	1.984	5.3620	1.717	17.136	10.509	1.034	27.676
40.	1000.0	-73.71	1.485	2.075	5.2934	1.822	16.857	9.636	.990	27.441
42.	1000.0	-69.38	1.524	2.166	5.2214	1.925	16.656	9.006	.956	27.059
44.	1000.0	-65.05	1.563	2.258	5.1495	2.023	16.456	8.374	.923	26.776
46.	1000.0	-60.36	1.606	2.351	5.0738	2.130	16.309	7.881	.896	26.383
48.	1000.0	-55.66	1.650	2.445	4.9981	2.232	16.162	7.388	.865	26.068
50.	1000.0	-50.58	1.697	2.542	4.9152	2.334	16.049	6.992	.847	25.657
52.	1000.0	-45.50	1.745	2.639	4.8344	2.436	15.936	6.595	.826	25.308
54.	1000.0	-40.03	1.797	2.738	4.7468	2.537	15.840	6.267	.809	24.876
56.	1000.0	-34.56	1.848	2.837	4.6593	2.633	15.745	5.938	.792	24.495
58.	1000.0	-28.69	1.905	2.940	4.5675	2.740	15.653	5.661	.780	24.040
60.	1000.0	-22.82	1.961	3.042	4.4758	2.841	15.562	5.383	.767	23.628
62.	1000.0	-16.52	2.021	3.149	4.3824	2.942	15.465	5.144	.758	23.144
64.	1000.0	-10.28	2.086	3.264	4.2813	3.046	15.367	4.893	.746	22.754
66.	1000.0	-3.24	2.153	3.375	4.1878	3.149	15.250	4.702	.742	22.181
68.	1000.0	3.80	2.219	3.485	4.0944	3.252	15.133	4.510	.739	21.642
70.	1000.0	10.85	2.286	3.596	4.0009	3.354	15.016	4.319	.735	21.136
72.	1000.0	17.89	2.353	3.706	3.9075	3.457	14.899	4.128	.731	20.659
74.	1000.0	24.93	2.420	3.817	3.8140	3.560	14.782	3.937	.727	20.209
76.	1000.0	33.04	2.471	3.905	3.7354	3.662	14.641	3.805	.730	19.584
78.	1000.0	41.15	2.522	3.994	3.6568	3.765	14.500	3.673	.734	18.992
80.	1000.0	49.26	2.573	4.082	3.5783	3.868	14.360	3.541	.737	18.430
82.	1000.0	57.37	2.625	4.171	3.4997	3.970	14.219	3.409	.741	17.896
84.	1000.0	65.48	2.676	4.259	3.4211	4.073	14.078	3.277	.744	17.389
86.	1000.0	74.17	2.681	4.283	3.3717	4.171	13.940	3.193	.753	16.794
88.	1000.0	82.86	2.687	4.307	3.3223	4.268	13.803	3.109	.761	16.231
90.	1000.0	91.54	2.693	4.330	3.2730	4.366	13.665	3.025	.769	15.696
92.	1000.0	100.23	2.698	4.354	3.2236	4.464	13.528	2.941	.778	15.189
94.	1000.0	108.92	2.704	4.378	3.1742	4.561	13.390	2.856	.786	14.706
96.	1000.0	117.53	2.675	4.343	3.1543	4.648	13.304	2.811	.796	14.220
98.	1000.0	126.14	2.646	4.303	3.1343	4.735	13.218	2.766	.806	13.757
100.	1000.0	134.74	2.616	4.272	3.1144	4.822	13.132	2.721	.816	13.317
102.	1000.0	143.35	2.587	4.237	3.0944	4.909	13.046	2.676	.826	12.899
104.	1000.0	152.05	2.544	4.168	3.0733	5.002	12.924	2.617	.838	12.474
106.	1000.0	159.78	2.510	4.133	3.0759	5.067	12.949	2.608	.845	12.132
108.	1000.0	167.51	2.476	4.098	3.0786	5.133	12.973	2.598	.853	11.804
110.	1000.0	175.24	2.442	4.063	3.0812	5.198	12.998	2.589	.860	11.490
112.	1000.0	182.97	2.408	4.028	3.0838	5.263	13.023	2.579	.867	11.189
114.	1000.0	190.70	2.374	3.993	3.0865	5.328	13.047	2.570	.875	10.900
116.	1000.0	198.43	2.340	3.959	3.0891	5.394	13.072	2.560	.882	10.623
118.	1000.0	206.16	2.305	3.924	3.0917	5.459	13.097	2.551	.889	10.356
120.	1000.0	213.88	2.271	3.889	3.0943	5.524	13.121	2.541	.897	10.100
122.	1000.0	221.61	2.237	3.854	3.0970	5.590	13.146	2.532	.904	9.853
124.	1000.0	229.34	2.203	3.819	3.0996	5.655	13.171	2.522	.912	9.616
126.	1000.0	237.07	2.169	3.784	3.1022	5.720	13.196	2.513	.919	9.387
128.	1000.0	244.80	2.135	3.749	3.1049	5.785	13.220	2.503	.926	9.167
130.	1000.0	252.53	2.101	3.715	3.1075	5.851	13.245	2.494	.934	8.955
132.	1000.0	260.26	2.066	3.680	3.1101	5.916	13.270	2.484	.941	8.750
134.	1000.0	267.99	2.032	3.645	3.1128	5.981	13.294	2.475	.948	8.552
136.	1000.0	275.72	1.998	3.610	3.1154	6.046	13.319	2.465	.956	8.361
138.	1000.0	283.44	1.978	3.609	3.1252	6.093	13.425	2.475	.959	8.212
140.	1000.0	289.96	1.959	3.608	3.1350	6.140	13.530	2.485	.962	8.067
142.	1000.0	297.07	1.939	3.607	3.1448	6.187	13.636	2.494	.966	7.926
144.	1000.0	304.19	1.919	3.606	3.1546	6.233	13.741	2.504	.969	7.790
146.	1000.0	311.31	1.899	3.605	3.1644	6.280	13.847	2.514	.972	7.657
148.	1000.0	318.43	1.879	3.604	3.1742	6.327	13.952	2.524	.976	7.528
150.	1000.0	325.55	1.859	3.603	3.1841	6.373	14.058	2.533	.979	7.405

152.	1000.0	332.66	1.840	3.602	3.1937	6.420	14.163	2.543	.982	7.281	.647
154.	1000.0	339.78	1.820	3.601	3.2037	6.467	14.269	2.553	.985	7.163	.644
156.	1000.0	346.90	1.800	3.600	3.2135	6.513	14.375	2.563	.989	7.047	.642
158.	1000.0	354.02	1.780	3.599	3.2233	6.560	14.480	2.572	.992	6.935	.639
160.	1000.0	361.14	1.760	3.598	3.2331	6.607	14.586	2.582	.995	6.826	.637
162.	1000.0	368.26	1.740	3.597	3.2430	6.653	14.691	2.592	.999	6.719	.635
164.	1000.0	375.37	1.721	3.596	3.2528	6.700	14.797	2.602	1.002	6.616	.632
166.	1000.0	382.49	1.701	3.595	3.2626	6.747	14.902	2.612	1.005	6.515	.630
168.	1000.0	389.61	1.681	3.594	3.2724	6.793	15.008	2.621	1.008	6.416	.628
170.	1000.0	397.02	1.670	3.607	3.2826	6.834	15.130	2.634	1.010	6.331	.628
172.	1000.0	404.42	1.660	3.620	3.2928	6.875	15.252	2.647	1.012	6.248	.628
174.	1000.0	411.83	1.649	3.633	3.3030	6.916	15.374	2.660	1.013	6.166	.629
176.	1000.0	419.23	1.639	3.646	3.3132	6.957	15.496	2.673	1.015	6.087	.629
178.	1000.0	426.64	1.628	3.659	3.3234	6.997	15.618	2.686	1.016	6.009	.629
180.	1000.0	434.05	1.618	3.672	3.3336	7.038	15.740	2.699	1.018	5.933	.630
185.	1000.0	452.56	1.591	3.704	3.3592	7.140	16.046	2.732	1.022	5.751	.631
190.	1000.0	471.08	1.555	3.737	3.3847	7.242	16.351	2.764	1.026	5.578	.632
195.	1000.0	489.59	1.539	3.769	3.4102	7.345	16.656	2.796	1.029	5.414	.633
200.	1000.0	507.08	1.505	3.828	3.4335	7.462	17.145	2.837	1.034	5.254	.633
205.	1000.0	527.08	1.498	3.841	3.4636	7.544	17.378	2.871	1.035	5.121	.635
210.	1000.0	547.07	1.491	3.854	3.4938	7.625	17.611	2.904	1.036	4.995	.636
215.	1000.0	567.07	1.484	3.867	3.5239	7.706	17.845	2.938	1.037	4.875	.637
220.	1000.0	587.06	1.477	3.880	3.5541	7.788	18.078	2.972	1.038	4.760	.638
225.	1000.0	607.06	1.470	3.893	3.5842	7.869	18.311	3.005	1.039	4.650	.639
230.	1000.0	627.06	1.462	3.905	3.6143	7.950	18.544	3.039	1.040	4.545	.640
235.	1000.0	647.05	1.455	3.919	3.6445	8.031	18.777	3.073	1.041	4.444	.641
240.	1000.0	667.05	1.448	3.931	3.6746	8.113	19.011	3.106	1.042	4.348	.642
245.	1000.0	687.04	1.441	3.944	3.7048	8.194	19.244	3.140	1.043	4.255	.644
250.	1000.0	707.04	1.434	3.957	3.7349	8.275	19.477	3.174	1.043	4.167	.645
255.	1000.0	727.04	1.427	3.970	3.7650	8.357	19.710	3.207	1.044	4.081	.646
260.	1000.0	747.03	1.420	3.983	3.7952	8.438	19.943	3.241	1.045	3.999	.647
265.	1000.0	767.03	1.413	3.995	3.8253	8.519	20.177	3.275	1.046	3.920	.649
270.	1000.0	787.02	1.406	4.009	3.8555	8.601	20.410	3.309	1.047	3.845	.650
275.	1000.0	807.02	1.399	4.022	3.8856	8.682	20.643	3.342	1.048	3.771	.651
280.	1000.0	827.02	1.392	4.035	3.9157	8.763	20.876	3.376	1.049	3.701	.652
285.	1000.0	847.01	1.385	4.048	3.9459	8.845	21.109	3.410	1.050	3.633	.654
290.	1000.0	867.01	1.378	4.060	3.9760	8.926	21.343	3.443	1.051	3.567	.655
295.	1000.0	887.00	1.370	4.073	4.0062	9.007	21.576	3.477	1.052	3.504	.656
300.	1000.0	907.00	1.363	4.086	4.0363	9.088	21.809	3.511	1.053	3.442	.658
305.	1000.0	926.84	1.364	4.074	4.0670	9.144	21.900	3.545	1.052	3.386	.659
310.	1000.0	946.68	1.365	4.061	4.0975	9.200	21.992	3.580	1.052	3.332	.661
315.	1000.0	966.52	1.366	4.048	4.1283	9.256	22.083	3.614	1.052	3.280	.663
320.	1000.0	986.35	1.367	4.035	4.1590	9.312	22.175	3.649	1.052	3.230	.664
325.	1000.0	1006.20	1.368	4.023	4.1896	9.368	22.266	3.684	1.052	3.181	.666
330.	1000.0	1026.04	1.368	4.010	4.2203	9.424	22.357	3.718	1.051	3.133	.667
335.	1000.0	1045.88	1.369	3.997	4.2510	9.480	22.449	3.753	1.051	3.087	.668
340.	1000.0	1065.72	1.370	3.985	4.2815	9.536	22.540	3.787	1.051	3.042	.670
345.	1000.0	1085.56	1.371	3.972	4.3123	9.592	22.632	3.822	1.051	2.999	.671
350.	1000.0	1105.40	1.372	3.959	4.3429	9.648	22.723	3.857	1.050	2.956	.672
355.	1000.0	1125.24	1.373	3.946	4.3735	9.704	22.814	3.891	1.050	2.915	.673
360.	1000.0	1145.08	1.373	3.934	4.4043	9.760	22.906	3.926	1.050	2.875	.674
365.	1000.0	1164.92	1.374	3.921	4.4349	9.816	22.997	3.960	1.050	2.837	.675
370.	1000.0	1184.76	1.375	3.908	4.4656	9.871	23.089	3.995	1.050	2.799	.676
375.	1000.0	1204.60	1.376	3.896	4.4963	9.927	23.180	4.030	1.049	2.762	.677
380.	1000.0	1224.44	1.377	3.883	4.5269	9.983	23.271	4.064	1.049	2.726	.678
385.	1000.0	1244.28	1.378	3.870	4.5575	10.039	23.363	4.099	1.049	2.691	.679
390.	1000.0	1264.12	1.378	3.857	4.5883	10.095	23.454	4.133	1.049	2.657	.680
395.	1000.0	1283.96	1.379	3.845	4.6189	10.151	23.546	4.168	1.049	2.624	.681
400.	1000.0	1303.90	1.382	3.807	4.6551	10.237	23.848	4.214	1.049	2.591	.673
420.	1000.0	1378.35	1.384	3.782	4.7645	10.378	24.360	4.334	1.048	2.470	.673
440.	1000.0	1450.83	1.385	3.757	4.8639	10.519	24.872	4.455	1.047	2.360	.673
460.	1000.0	1523.29	1.387	3.732	4.9633	10.660	25.385	4.575	1.046	2.260	.673

480.	1000.0	1595.76	1.388	3.707	5.0623	10.801	25.897	4.695	1.045	2.168	.672
500.	1000.0	1668.22	1.390	3.682	5.1622	10.942	26.409	4.816	1.043	2.083	.671
520.	1000.0	1740.68	1.391	3.657	5.2515	11.083	26.921	4.936	1.042	2.005	.671
540.	1000.0	1813.15	1.393	3.632	5.3610	11.224	27.434	5.057	1.041	1.933	.669
560.	1000.0	1885.61	1.394	3.607	5.4604	11.365	27.946	5.177	1.040	1.866	.668
580.	1000.0	1958.08	1.396	3.582	5.5598	11.506	28.458	5.298	1.039	1.803	.667
600.	1000.0	2030.54	1.397	3.557	5.6593	11.647	28.970	5.418	1.038	1.745	.665
620.	1000.0	2103.00	1.399	3.531	5.7587	11.788	29.483	5.539	1.037	1.690	.663
640.	1000.0	2175.47	1.400	3.506	5.8581	11.929	29.995	5.659	1.036	1.639	.662
660.	1000.0	2246.48	1.401	3.493	5.9464	12.043	30.551	5.773	1.035	1.591	.660
680.	1000.0	2316.04	1.401	3.493	6.0235	12.131	31.152	5.881	1.035	1.545	.659
700.	1000.0	2385.60	1.400	3.492	6.1006	12.213	31.753	5.989	1.034	1.502	.659
720.	1000.0	2455.16	1.400	3.492	6.1777	12.307	32.354	6.097	1.033	1.461	.658
740.	1000.0	2524.72	1.400	3.491	6.2549	12.395	32.955	6.205	1.033	1.423	.657
760.	1000.0	2594.28	1.399	3.490	6.3320	12.483	33.556	6.313	1.032	1.386	.657
780.	1000.0	2663.84	1.399	3.490	6.4091	12.572	34.157	6.421	1.031	1.351	.656
800.	1000.0	2733.40	1.399	3.489	6.4863	12.660	34.758	6.529	1.030	1.319	.655
820.	1000.0	2802.96	1.398	3.488	6.5634	12.748	35.359	6.637	1.030	1.287	.655
840.	1000.0	2872.52	1.398	3.488	6.6405	12.836	35.960	6.745	1.029	1.257	.654
860.	1000.0	2942.08	1.398	3.487	6.7176	12.924	36.561	6.853	1.028	1.229	.654
880.	1000.0	3011.64	1.398	3.487	6.7948	13.012	37.162	6.961	1.028	1.202	.653
900.	1000.0	3081.20	1.397	3.486	6.8719	13.100	37.763	7.069	1.027	1.176	.653
920.	1000.0	3150.88	1.397	3.485	6.9396	13.168	38.446	7.173	1.027	1.151	.650
940.	1000.0	3220.56	1.397	3.485	7.0073	13.236	39.129	7.277	1.026	1.127	.648
960.	1000.0	3290.24	1.397	3.484	7.0751	13.304	39.811	7.381	1.026	1.104	.646
980.	1000.0	3359.92	1.397	3.484	7.1428	13.372	40.494	7.485	1.025	1.082	.644
1000.	1000.0	3429.60	1.397	3.483	7.2105	13.440	41.177	7.589	1.025	1.061	.642
1050.	1000.0	3603.80	1.396	3.482	7.3798	13.610	42.884	7.848	1.024	1.011	.637
1100.	1000.0	3778.00	1.396	3.481	7.5491	13.780	44.591	8.108	1.023	.966	.633
1150.	1000.0	3952.20	1.396	3.480	7.7184	13.950	46.298	8.368	1.021	.925	.629
1200.	1000.0	4126.92	1.394	3.486	7.8654	14.087	47.224	8.644	1.021	.888	.638
1250.	1000.0	4301.64	1.393	3.492	8.0143	14.223	48.151	8.920	1.020	.853	.647
1300.	1000.0	4476.36	1.392	3.498	8.1623	14.360	49.077	9.197	1.019	.821	.656
1350.	1000.0	4651.08	1.391	3.505	8.3102	14.496	50.004	9.473	1.018	.791	.664
1400.	1000.0	4823.60	1.390	3.507	8.4690	14.616	50.931	9.779	1.017	.763	.682
1450.	1000.0	5001.39	1.388	3.517	8.5968	14.722	51.738	10.018	1.017	.737	.681
1500.	1000.0	5179.18	1.387	3.527	8.7247	14.828	53.164	10.257	1.016	.713	.680
1550.	1000.0	5356.97	1.385	3.537	8.8525	14.935	54.589	10.496	1.016	.690	.680
1600.	1000.0	5534.77	1.384	3.547	8.9803	15.041	56.015	10.735	1.015	.669	.680
1650.	1000.0	5712.56	1.382	3.557	9.1082	15.147	57.440	10.973	1.015	.649	.680
1700.	1000.0	5890.35	1.381	3.567	9.2360	15.253	58.865	11.212	1.014	.630	.680
1750.	1000.0	6068.14	1.379	3.578	9.3638	15.360	60.291	11.451	1.014	.613	.679
1800.	1000.0	6245.93	1.378	3.588	9.4917	15.466	61.716	11.690	1.013	.596	.680
1850.	1000.0	6423.72	1.376	3.598	9.6195	15.572	63.142	11.929	1.013	.580	.680
1900.	1000.0	6601.52	1.374	3.608	9.7473	15.678	64.567	12.167	1.013	.565	.680
1950.	1000.0	6779.31	1.373	3.618	9.8752	15.785	65.993	12.406	1.012	.551	.680
2000.	1000.0	6957.10	1.371	3.628	10.0030	15.891	67.418	12.645	1.012	.537	.680
2050.	1000.0	7142.65	1.369	3.643	10.1082	15.971	68.934	12.867	1.011	.524	.680
2100.	1000.0	7328.20	1.368	3.657	10.2135	16.051	70.450	13.089	1.011	.512	.679
2150.	1000.0	7513.75	1.366	3.671	10.3187	16.131	71.966	13.311	1.011	.500	.679
2200.	1000.0	7699.30	1.364	3.686	10.4240	16.212	73.483	13.533	1.011	.489	.679
2250.	1000.0	7884.85	1.362	3.700	10.5292	16.292	74.999	13.755	1.010	.478	.679
2300.	1000.0	8070.40	1.360	3.715	10.6345	16.372	76.515	13.977	1.010	.468	.679
2350.	1000.0	8255.95	1.353	3.729	10.7397	16.452	78.031	14.200	1.010	.458	.679
2400.	1000.0	8441.50	1.356	3.744	10.8450	16.532	79.547	14.422	1.010	.449	.679
2450.	1000.0	8627.05	1.354	3.758	10.9502	16.612	81.063	14.644	1.009	.440	.679
2500.	1000.0	8812.60	1.352	3.773	11.0555	16.693	82.580	14.866	1.009	.431	.679
2550.	1000.0	8998.15	1.350	3.787	11.1607	16.773	84.096	15.088	1.009	.423	.679
2600.	1000.0	9183.70	1.343	3.802	11.2660	16.853	85.612	15.310	1.009	.414	.680
2650.	1000.0	9377.81	1.347	3.816	11.3590	16.920	87.174	15.522	1.008	.407	.679
2700.	1000.0	9571.92	1.345	3.830	11.4520	16.987	88.737	15.734	1.008	.399	.679
2750.	1000.0	9766.02	1.344	3.844	11.5450	17.054	90.299	15.946	1.008	.392	.679

2800.	1000.0	9960.13	1.342	3.858	11.6380	17.121	91.361	16.153	1.008	.385	.679
2850.	1000.0	10154.24	1.340	3.872	11.7310	17.188	93.424	16.370	1.008	.378	.578
2900.	1000.0	10348.35	1.339	3.886	11.8240	17.255	94.980	16.581	1.008	.372	.578
2950.	1000.0	10542.46	1.337	3.900	11.9170	17.322	96.548	16.793	1.008	.366	.678
3000.	1000.0	10736.57	1.335	3.914	12.0100	17.389	98.111	17.005	1.007	.360	.678
3050.	1000.0	10930.67	1.334	3.928	12.1030	17.456	99.673	17.217	1.007	.354	.679
3100.	1000.0	11124.78	1.332	3.942	12.1960	17.523	101.235	17.429	1.007	.348	.679
3150.	1000.0	11318.89	1.331	3.956	12.2890	17.590	102.798	17.641	1.007	.343	.679
3200.	1000.0	11513.00	1.329	3.970	12.3820	17.657	104.360	17.853	1.007	.337	.679
3250.	1000.0	11716.50	1.327	3.987	12.4643	17.715	106.137	18.057	1.007	.332	.678
3300.	1000.0	11920.00	1.326	4.004	12.5477	17.773	107.913	18.261	1.007	.327	.678
3350.	1000.0	12123.50	1.324	4.021	12.6305	17.830	109.690	18.465	1.007	.322	.677
3400.	1000.0	12327.00	1.323	4.038	12.7133	17.888	111.467	18.669	1.006	.318	.676
3450.	1000.0	12530.50	1.321	4.054	12.7962	17.946	113.243	18.873	1.006	.313	.576
3500.	1000.0	12734.00	1.320	4.071	12.8790	18.004	115.020	19.077	1.006	.309	.675
3550.	1000.0	12937.50	1.318	4.088	12.9618	18.062	116.797	19.281	1.006	.304	.675
3600.	1000.0	13141.00	1.317	4.105	13.0447	18.120	118.573	19.485	1.006	.300	.675
3650.	1000.0	13344.50	1.315	4.121	13.1275	18.177	120.350	19.689	1.006	.296	.674
3700.	1000.0	13548.00	1.313	4.138	13.2103	18.235	122.127	19.893	1.006	.292	.674
3750.	1000.0	13751.50	1.312	4.155	13.2932	18.293	123.903	20.097	1.006	.288	.674
3800.	1000.0	13957.00	1.310	4.172	13.3760	18.349	125.690	20.299	1.006	.284	.674
3850.	1000.0	14169.75	1.309	4.196	13.4495	18.402	127.956	20.498	1.006	.281	.672
3900.	1000.0	14382.50	1.307	4.221	13.5250	18.456	130.222	20.698	1.006	.277	.671
3950.	1000.0	14595.25	1.305	4.245	13.6005	18.509	132.489	20.897	1.006	.274	.670
4000.	1000.0	14808.00	1.303	4.270	13.6760	18.563	134.755	21.097	1.006	.270	.668
4050.	1000.0	15020.75	1.302	4.294	13.7515	18.616	137.021	21.296	1.006	.267	.667
4100.	1000.0	15233.50	1.300	4.319	13.8270	18.670	139.287	21.496	1.006	.264	.667
4150.	1000.0	15446.25	1.298	4.343	13.9025	18.723	141.554	21.695	1.006	.260	.666
4200.	1000.0	15659.00	1.296	4.368	13.9780	18.777	143.820	21.895	1.005	.257	.665
4250.	1000.0	15884.38	1.294	4.407	14.0469	18.828	147.017	22.091	1.006	.254	.662
4300.	1000.0	16109.75	1.292	4.446	14.1157	18.879	150.215	22.287	1.006	.251	.660
4350.	1000.0	16335.13	1.290	4.486	14.1846	18.931	153.412	22.483	1.006	.248	.657
4400.	1000.0	16560.50	1.288	4.525	14.2535	18.982	156.610	22.679	1.006	.246	.655
4450.	1000.0	16785.88	1.286	4.564	14.3224	19.033	159.807	22.876	1.006	.243	.653
4500.	1000.0	17011.25	1.284	4.604	14.3912	19.084	163.005	23.072	1.006	.240	.652
4550.	1000.0	17236.63	1.282	4.643	14.4601	19.136	166.202	23.268	1.006	.237	.650
4600.	1000.0	17462.00	1.279	4.682	14.5290	19.187	169.400	23.464	1.006	.235	.649
4650.	1000.0	17708.63	1.277	4.745	14.5927	19.238	174.264	23.658	1.006	.232	.644
4700.	1000.0	17955.25	1.275	4.809	14.6565	19.289	179.127	23.852	1.007	.230	.640
4750.	1000.0	18201.88	1.272	4.872	14.7202	19.341	183.991	24.046	1.007	.227	.637
4800.	1000.0	18448.50	1.270	4.935	14.7840	19.392	188.855	24.240	1.007	.225	.633
4850.	1000.0	18695.13	1.268	4.999	14.8477	19.443	193.719	24.435	1.007	.222	.631
4900.	1000.0	18941.75	1.265	5.062	14.9115	19.494	198.582	24.629	1.008	.220	.628
4950.	1000.0	19188.38	1.263	5.125	14.9752	19.546	203.446	24.823	1.008	.218	.625
5000.	1000.0	19435.00	1.261	5.189	15.0390	19.597	208.310	25.017	1.008	.216	.623

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP. DENSITY	PRANDTL	
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	OF SOUND		* (10)**7	* (10)**7	FACTUR	NUMBER	
			RATIO	(BTU/	*(10)**-4	(BTU/	(BTU/	(LB/IN-SEC)	PV/RT		
			CP/CV	LB-DEG.R)	(IN/SEC)	LB-DEG.R)	IN-SEC-DEG.R)	(LB/IN-SEC)	R=9200	(LB/CU.IN)	
36.	1100.0	-78.51	1.405	1.878	5.5303	1.596	17.758	11.776	1.173	28.316	1.245
38.	1100.0	-74.59	1.439	1.967	5.4341	1.700	17.449	10.809	1.125	27.963	1.225
40.	1100.0	-70.67	1.473	2.055	5.3682	1.803	17.140	9.963	1.078	27.741	1.195
42.	1100.0	-66.38	1.511	2.146	5.2985	1.905	16.915	9.308	1.040	27.370	1.181
44.	1100.0	-62.09	1.548	2.235	5.2238	2.007	16.690	8.653	1.003	27.100	1.159
46.	1100.0	-57.45	1.590	2.326	5.1555	2.109	16.523	8.144	.973	26.720	1.146
48.	1100.0	-52.80	1.631	2.417	5.0823	2.210	16.357	7.635	.943	26.420	1.128
50.	1100.0	-47.78	1.677	2.511	5.0033	2.310	16.230	7.227	.919	26.024	1.118
52.	1100.0	-42.77	1.722	2.605	4.9242	2.411	16.104	6.819	.895	25.692	1.103
54.	1100.0	-37.37	1.771	2.701	4.8433	2.511	16.000	6.482	.876	25.278	1.094
56.	1100.0	-31.98	1.820	2.796	4.7553	2.610	15.896	6.146	.857	24.916	1.081
58.	1100.0	-26.20	1.874	2.895	4.6676	2.713	15.802	5.862	.842	24.481	1.074
60.	1100.0	-20.42	1.927	2.993	4.5793	2.810	15.707	5.578	.827	24.089	1.063
62.	1100.0	-14.22	1.984	3.095	4.4895	2.910	15.611	5.335	.816	23.627	1.058
64.	1100.0	-8.16	2.041	3.198	4.3974	3.010	15.518	5.082	.804	23.242	1.047
66.	1100.0	-1.29	2.103	3.302	4.3079	3.110	15.409	4.888	.798	22.697	1.047
68.	1100.0	5.59	2.165	3.405	4.2184	3.211	15.300	4.694	.793	22.186	1.045
70.	1100.0	12.47	2.227	3.509	4.1293	3.311	15.191	4.500	.787	21.707	1.040
72.	1100.0	19.35	2.289	3.613	4.0395	3.411	15.082	4.307	.781	21.256	1.032
74.	1100.0	26.23	2.352	3.716	3.9500	3.511	14.973	4.113	.776	20.832	1.021
76.	1100.0	34.11	2.400	3.800	3.8737	3.611	14.845	3.979	.777	20.239	1.018
78.	1100.0	41.99	2.448	3.883	3.7974	3.711	14.716	3.845	.779	19.676	1.015
80.	1100.0	49.87	2.496	3.967	3.7211	3.811	14.588	3.711	.781	19.142	1.009
82.	1100.0	57.75	2.544	4.051	3.6448	3.910	14.459	3.577	.783	18.634	1.002
84.	1100.0	65.63	2.593	4.134	3.5685	4.010	14.330	3.443	.784	18.150	.993
86.	1100.0	74.08	2.600	4.161	3.5185	4.105	14.205	3.356	.791	17.578	.983
88.	1100.0	82.52	2.608	4.187	3.4685	4.200	14.079	3.269	.798	17.035	.972
90.	1100.0	90.97	2.616	4.214	3.4185	4.295	13.953	3.182	.804	16.518	.961
92.	1100.0	99.41	2.623	4.240	3.3685	4.390	13.827	3.094	.811	16.026	.949
94.	1100.0	107.86	2.631	4.267	3.3185	4.485	13.702	3.007	.818	15.557	.936
96.	1100.0	116.29	2.607	4.240	3.2957	4.570	13.622	2.958	.826	15.077	.921
98.	1100.0	124.71	2.582	4.213	3.2729	4.655	13.541	2.909	.835	14.619	.905
100.	1100.0	133.14	2.558	4.186	3.2502	4.740	13.461	2.860	.843	14.182	.889
102.	1100.0	141.57	2.534	4.159	3.2274	4.825	13.381	2.811	.852	13.766	.874
104.	1100.0	150.49	2.501	4.104	3.1989	4.923	13.242	2.745	.862	13.331	.851
106.	1100.0	158.17	2.469	4.074	3.1988	4.983	13.264	2.732	.869	12.979	.839
108.	1100.0	165.85	2.438	4.044	3.1986	5.052	13.286	2.720	.876	12.643	.828
110.	1100.0	173.54	2.407	4.013	3.1985	5.117	13.308	2.707	.882	12.320	.816
112.	1100.0	181.22	2.375	3.983	3.1984	5.182	13.329	2.694	.889	12.010	.805
114.	1100.0	188.90	2.344	3.953	3.1983	5.247	13.351	2.682	.896	11.712	.794
116.	1100.0	196.58	2.312	3.922	3.1982	5.312	13.373	2.669	.902	11.425	.783
118.	1100.0	204.27	2.281	3.892	3.1980	5.377	13.394	2.657	.909	11.150	.772
120.	1100.0	211.95	2.250	3.862	3.1979	5.442	13.416	2.644	.915	10.885	.761
122.	1100.0	219.63	2.218	3.831	3.1973	5.506	13.438	2.631	.922	10.629	.750
124.	1100.0	227.31	2.187	3.801	3.1977	5.571	13.459	2.619	.929	10.383	.740
126.	1100.0	234.99	2.156	3.771	3.1976	5.636	13.481	2.606	.935	10.146	.729
128.	1100.0	242.68	2.124	3.740	3.1975	5.701	13.503	2.594	.942	9.917	.718
130.	1100.0	250.36	2.093	3.710	3.1973	5.766	13.524	2.581	.949	9.697	.708
132.	1100.0	258.04	2.061	3.680	3.1972	5.831	13.546	2.568	.955	9.484	.698
134.	1100.0	265.72	2.030	3.649	3.1971	5.896	13.568	2.556	.962	9.278	.687
136.	1100.0	273.41	1.999	3.619	3.1970	5.961	13.589	2.543	.968	9.079	.677
138.	1100.0	280.56	1.979	3.619	3.2052	6.007	13.691	2.551	.971	8.919	.674
140.	1100.0	287.71	1.960	3.618	3.2135	6.054	13.793	2.560	.975	8.763	.671
142.	1100.0	294.86	1.940	3.618	3.2213	6.101	13.894	2.568	.978	8.613	.669
144.	1100.0	302.02	1.921	3.618	3.2300	6.143	13.996	2.576	.981	8.466	.666
146.	1100.0	309.17	1.901	3.618	3.2383	6.193	14.098	2.584	.984	8.324	.663
148.	1100.0	316.32	1.882	3.617	3.2455	6.242	14.199	2.592	.987	8.186	.660
150.	1100.0	323.48	1.862	3.617	3.2548	6.283	14.301	2.601	.990	8.052	.658

152.	1100.0	330.63	1.843	3.617	3.2631	6.336	14.403	2.609	.993	7.921	.655
154.	1100.0	337.78	1.823	3.617	3.2713	6.383	14.504	2.617	.996	7.794	.653
156.	1100.0	344.94	1.804	3.616	3.2796	6.430	14.606	2.625	.999	7.670	.650
158.	1100.0	352.09	1.784	3.616	3.2878	6.477	14.708	2.634	1.002	7.550	.648
160.	1100.0	359.24	1.765	3.616	3.2961	6.524	14.809	2.642	1.005	7.432	.645
162.	1100.0	366.39	1.745	3.615	3.3044	6.570	14.911	2.650	1.009	7.318	.643
164.	1100.0	373.55	1.726	3.615	3.3126	6.617	15.013	2.658	1.012	7.207	.640
166.	1100.0	380.70	1.706	3.615	3.3209	6.664	15.114	2.667	1.015	7.098	.638
168.	1100.0	387.85	1.687	3.615	3.3291	6.711	15.216	2.675	1.018	6.992	.635
170.	1100.0	395.30	1.676	3.628	3.3383	6.752	15.338	2.687	1.019	6.900	.635
172.	1100.0	402.74	1.665	3.640	3.3480	6.793	15.460	2.699	1.021	6.810	.636
174.	1100.0	410.19	1.655	3.653	3.3574	6.834	15.581	2.711	1.022	6.722	.636
176.	1100.0	417.64	1.644	3.666	3.3668	6.875	15.703	2.723	1.024	6.636	.636
178.	1100.0	425.08	1.634	3.679	3.3762	6.916	15.825	2.735	1.025	6.552	.636
180.	1100.0	432.53	1.623	3.692	3.3856	6.957	15.947	2.747	1.027	6.469	.636
185.	1100.0	451.14	1.596	3.724	3.4092	7.060	16.251	2.778	1.031	6.272	.636
190.	1100.0	469.75	1.570	3.756	3.4327	7.163	16.555	2.808	1.034	6.085	.637
195.	1100.0	488.37	1.543	3.788	3.4563	7.265	16.860	2.838	1.038	5.907	.638
200.	1100.0	505.99	1.509	3.846	3.4773	7.384	17.351	2.876	1.043	5.734	.638
205.	1100.0	526.05	1.502	3.859	3.5063	7.465	17.587	2.909	1.043	5.589	.638
210.	1100.0	546.11	1.495	3.871	3.5364	7.547	17.822	2.942	1.044	5.452	.639
215.	1100.0	566.18	1.488	3.884	3.5659	7.628	18.057	2.974	1.045	5.321	.640
220.	1100.0	586.24	1.481	3.896	3.5954	7.710	18.293	3.007	1.046	5.196	.640
225.	1100.0	606.30	1.473	3.909	3.6249	7.792	18.528	3.039	1.047	5.077	.641
230.	1100.0	626.37	1.466	3.921	3.6544	7.873	18.764	3.072	1.048	4.962	.642
235.	1100.0	646.43	1.459	3.934	3.6839	7.955	18.999	3.105	1.048	4.853	.643
240.	1100.0	666.49	1.452	3.946	3.7134	8.036	19.234	3.137	1.049	4.748	.644
245.	1100.0	686.55	1.445	3.958	3.7429	8.118	19.470	3.170	1.050	4.648	.644
250.	1100.0	706.62	1.437	3.971	3.7724	8.200	19.705	3.202	1.051	4.551	.645
255.	1100.0	726.68	1.430	3.983	3.8019	8.281	19.941	3.235	1.052	4.459	.646
260.	1100.0	746.74	1.423	3.996	3.8314	8.363	20.176	3.268	1.052	4.369	.647
265.	1100.0	766.81	1.416	4.008	3.8610	8.444	20.411	3.300	1.053	4.284	.648
270.	1100.0	786.87	1.409	4.021	3.8905	8.526	20.647	3.333	1.054	4.201	.649
275.	1100.0	806.93	1.401	4.033	3.9200	8.608	20.882	3.365	1.055	4.121	.650
280.	1100.0	827.00	1.394	4.045	3.9495	8.689	21.118	3.398	1.056	4.045	.651
285.	1100.0	847.06	1.387	4.058	3.9790	8.771	21.353	3.431	1.057	3.971	.652
290.	1100.0	867.12	1.380	4.070	4.0085	8.852	21.588	3.463	1.057	3.899	.653
295.	1100.0	887.19	1.373	4.083	4.0380	8.934	21.824	3.496	1.058	3.830	.654
300.	1100.0	907.25	1.366	4.095	4.0675	9.015	22.059	3.528	1.059	3.763	.655
305.	1100.0	927.12	1.366	4.082	4.0980	9.071	22.150	3.563	1.059	3.703	.657
310.	1100.0	947.00	1.367	4.069	4.1285	9.128	22.240	3.597	1.058	3.644	.658
315.	1100.0	966.87	1.368	4.057	4.1590	9.184	22.331	3.631	1.058	3.587	.660
320.	1100.0	986.74	1.369	4.044	4.1895	9.240	22.421	3.665	1.058	3.532	.661
325.	1100.0	1006.61	1.370	4.031	4.2201	9.296	22.512	3.700	1.058	3.478	.662
330.	1100.0	1026.49	1.370	4.018	4.2506	9.352	22.602	3.734	1.057	3.426	.664
335.	1100.0	1046.36	1.371	4.005	4.2811	9.408	22.693	3.768	1.057	3.376	.665
340.	1100.0	1066.23	1.372	3.992	4.3115	9.464	22.783	3.802	1.057	3.327	.666
345.	1100.0	1086.11	1.373	3.979	4.3421	9.520	22.874	3.837	1.057	3.280	.667
350.	1100.0	1105.98	1.373	3.966	4.3726	9.576	22.964	3.871	1.056	3.234	.669
355.	1100.0	1125.85	1.374	3.953	4.4031	9.632	23.055	3.905	1.056	3.189	.670
360.	1100.0	1145.73	1.375	3.940	4.4335	9.688	23.145	3.939	1.056	3.145	.671
365.	1100.0	1165.60	1.376	3.927	4.4641	9.744	23.236	3.974	1.056	3.103	.672
370.	1100.0	1185.47	1.377	3.915	4.4945	9.800	23.326	4.008	1.055	3.062	.673
375.	1100.0	1205.34	1.377	3.902	4.5251	9.856	23.417	4.042	1.055	3.022	.674
380.	1100.0	1225.22	1.378	3.889	4.5556	9.912	23.507	4.076	1.055	2.983	.674
385.	1100.0	1245.09	1.379	3.876	4.5862	9.968	23.598	4.111	1.055	2.945	.675
390.	1100.0	1264.96	1.380	3.863	4.6167	10.024	23.688	4.145	1.054	2.908	.676
395.	1100.0	1284.84	1.381	3.850	4.6472	10.080	23.779	4.179	1.054	2.872	.677
400.	1100.0	1304.81	1.384	3.812	4.6934	10.165	24.080	4.224	1.054	2.836	.669
420.	1100.0	1379.35	1.385	3.787	4.7923	10.307	24.587	4.344	1.053	2.704	.669
440.	1100.0	1451.89	1.386	3.762	4.8911	10.448	25.094	4.464	1.052	2.584	.669
460.	1100.0	1524.43	1.388	3.736	4.9900	10.589	25.601	4.584	1.051	2.474	.669

480.	1100.0	1536.37	1.389	3.711	5.3889	10.730	26.107	4.704	1.049	2.374	.669
500.	1100.0	1669.51	1.391	3.686	5.1873	10.871	26.614	4.824	1.048	2.281	.668
520.	1100.0	1742.05	1.392	3.660	5.2867	11.012	27.121	4.944	1.047	2.196	.667
540.	1100.0	1814.58	1.394	3.635	5.3855	11.154	27.627	5.064	1.046	2.117	.666
560.	1100.0	1887.12	1.395	3.610	5.4844	11.295	28.134	5.184	1.045	2.044	.665
580.	1100.0	1959.66	1.396	3.584	5.5833	11.436	28.641	5.304	1.043	1.976	.664
600.	1100.0	2032.20	1.398	3.559	5.6822	11.577	29.147	5.424	1.042	1.912	.662
620.	1100.0	2104.74	1.399	3.534	5.7811	11.718	29.654	5.544	1.041	1.852	.661
640.	1100.0	2177.28	1.401	3.508	5.8800	11.859	30.161	5.664	1.040	1.797	.659
660.	1100.0	2248.34	1.401	3.495	5.9678	11.974	30.713	5.778	1.039	1.744	.658
680.	1100.0	2317.93	1.401	3.495	6.0447	12.062	31.310	5.886	1.038	1.694	.657
700.	1100.0	2387.52	1.401	3.494	6.1215	12.150	31.907	5.994	1.037	1.647	.656
720.	1100.0	2457.11	1.400	3.493	6.1984	12.238	32.504	6.101	1.037	1.602	.656
740.	1100.0	2526.70	1.400	3.493	6.2752	12.326	33.101	6.209	1.036	1.560	.655
760.	1100.0	2596.28	1.400	3.492	6.3521	12.414	33.698	6.317	1.035	1.520	.655
780.	1100.0	2665.87	1.399	3.491	6.4289	12.502	34.295	6.425	1.034	1.482	.654
800.	1100.0	2735.46	1.399	3.490	6.5058	12.590	34.892	6.533	1.034	1.446	.654
820.	1100.0	2805.05	1.399	3.490	6.5826	12.679	35.489	6.641	1.033	1.412	.653
840.	1100.0	2874.64	1.398	3.489	6.6595	12.767	36.086	6.749	1.032	1.379	.653
860.	1100.0	2944.22	1.398	3.488	6.7363	12.855	36.683	6.857	1.031	1.346	.652
880.	1100.0	3013.81	1.398	3.488	6.8132	12.943	37.280	6.964	1.030	1.319	.652
900.	1100.0	3083.40	1.397	3.487	6.8900	13.031	37.877	7.072	1.030	1.290	.651
920.	1100.0	3153.10	1.397	3.486	6.9576	13.099	38.558	7.176	1.029	1.263	.649
940.	1100.0	3222.79	1.397	3.486	7.0251	13.167	39.239	7.280	1.029	1.236	.647
960.	1100.0	3292.49	1.397	3.485	7.0927	13.235	39.921	7.384	1.028	1.211	.645
980.	1100.0	3362.18	1.397	3.485	7.1602	13.303	40.602	7.488	1.028	1.187	.643
1000.	1100.0	3431.88	1.397	3.484	7.2277	13.371	41.284	7.591	1.027	1.164	.641
1050.	1100.0	3606.12	1.396	3.483	7.3965	13.541	42.987	7.851	1.026	1.110	.636
1100.	1100.0	3780.36	1.396	3.481	7.5654	13.711	44.691	8.110	1.025	1.061	.632
1150.	1100.0	3954.60	1.396	3.480	7.7343	13.881	46.394	8.370	1.024	1.016	.628
1200.	1100.0	4129.35	1.394	3.486	7.8818	14.018	47.304	8.646	1.023	.974	.637
1250.	1100.0	4304.09	1.393	3.493	8.0293	14.155	48.213	8.922	1.022	.936	.646
1300.	1100.0	4478.84	1.392	3.499	8.1769	14.291	49.122	9.198	1.021	.901	.655
1350.	1100.0	4653.58	1.390	3.505	8.3244	14.428	50.032	9.474	1.020	.868	.664
1400.	1100.0	4828.13	1.390	3.507	8.4827	14.562	50.313	9.779	1.019	.838	.682
1450.	1100.0	5003.93	1.388	3.517	8.6103	14.668	51.738	10.018	1.018	.810	.681
1500.	1100.0	5181.73	1.387	3.527	8.7379	14.774	53.164	10.257	1.018	.783	.681
1550.	1100.0	5359.53	1.385	3.537	8.8654	14.881	54.589	10.496	1.017	.758	.680
1600.	1100.0	5537.33	1.384	3.547	8.9930	14.987	56.015	10.735	1.017	.735	.680
1650.	1100.0	5715.13	1.382	3.558	9.1206	15.093	57.440	10.973	1.016	.713	.680
1700.	1100.0	5892.92	1.380	3.568	9.2482	15.199	58.865	11.212	1.016	.692	.680
1750.	1100.0	6070.72	1.379	3.578	9.3758	15.306	60.291	11.451	1.015	.673	.680
1800.	1100.0	6248.52	1.377	3.586	9.5034	15.412	61.716	11.690	1.015	.655	.680
1850.	1100.0	6426.32	1.376	3.598	9.6310	15.518	63.142	11.929	1.014	.637	.680
1900.	1100.0	6604.12	1.374	3.608	9.7586	15.624	64.567	12.167	1.014	.621	.680
1950.	1100.0	6781.92	1.373	3.618	9.8862	15.731	65.993	12.406	1.013	.605	.680
2000.	1100.0	6959.71	1.371	3.628	10.0137	15.837	67.418	12.645	1.013	.590	.680
2050.	1100.0	7145.26	1.369	3.643	10.1139	15.917	68.934	12.887	1.012	.576	.680
2100.	1100.0	7330.81	1.367	3.657	10.2240	15.997	70.450	13.089	1.012	.562	.579
2150.	1100.0	7516.36	1.366	3.672	10.3291	16.077	71.966	13.311	1.012	.550	.579
2200.	1100.0	7701.91	1.364	3.686	10.4342	16.158	73.483	13.533	1.012	.537	.579
2250.	1100.0	7887.46	1.362	3.700	10.5393	16.238	74.999	13.755	1.011	.525	.579
2300.	1100.0	8073.01	1.360	3.715	10.6444	16.318	76.515	13.977	1.011	.514	.579
2350.	1100.0	8258.56	1.358	3.729	10.7495	16.398	78.031	14.200	1.011	.503	.579
2400.	1100.0	8444.10	1.356	3.744	10.8546	16.478	79.547	14.422	1.011	.493	.579
2450.	1100.0	8629.65	1.354	3.758	10.9597	16.558	81.063	14.644	1.010	.483	.579
2500.	1100.0	8815.20	1.352	3.773	11.0648	16.639	82.579	14.866	1.010	.474	.579
2550.	1100.0	9000.75	1.350	3.787	11.1699	16.719	84.096	15.088	1.010	.464	.579
2600.	1100.0	9186.30	1.348	3.802	11.2750	16.799	85.612	15.310	1.009	.456	.580
2650.	1100.0	9380.40	1.347	3.816	11.3679	16.866	87.174	15.522	1.009	.447	.579
2700.	1100.0	9574.51	1.345	3.830	11.4609	16.933	88.736	15.734	1.009	.439	.579
2750.	1100.0	9768.61	1.344	3.844	11.5537	17.000	90.298	15.946	1.009	.431	.579

2800.	1100.0	9962.72	1.342	3.858	11.6465	17.067	91.860	16.158	1.009	.423	.679
2850.	1100.0	10156.82	1.340	3.872	11.7395	17.134	93.422	16.370	1.009	.416	.678
2900.	1100.0	10350.52	1.339	3.886	11.8324	17.201	94.984	16.581	1.008	.409	.678
2950.	1100.0	10545.03	1.337	3.900	11.9253	17.268	96.546	16.793	1.008	.402	.673
3000.	1100.0	10739.13	1.335	3.914	12.0182	17.335	98.109	17.005	1.008	.395	.678
3050.	1100.0	10933.24	1.334	3.928	12.1111	17.402	99.671	17.217	1.008	.389	.679
3100.	1100.0	11127.34	1.332	3.942	12.2040	17.469	101.233	17.429	1.008	.383	.679
3150.	1100.0	11321.45	1.331	3.956	12.2969	17.536	102.795	17.641	1.008	.377	.679
3200.	1100.0	11515.55	1.329	3.970	12.3897	17.603	104.357	17.853	1.007	.371	.679
3250.	1100.0	11719.02	1.327	3.987	12.4725	17.661	106.129	18.057	1.007	.365	.673
3300.	1100.0	11922.48	1.326	4.004	12.5553	17.718	107.901	18.261	1.007	.360	.678
3350.	1100.0	12125.95	1.324	4.020	12.6381	17.776	109.673	18.465	1.007	.354	.577
3400.	1100.0	12329.42	1.323	4.037	12.7209	17.834	111.445	18.669	1.007	.349	.676
3450.	1100.0	12532.88	1.321	4.054	12.8037	17.892	113.217	18.873	1.007	.344	.676
3500.	1100.0	12736.35	1.320	4.070	12.8865	17.950	114.989	19.077	1.007	.339	.675
3550.	1100.0	12939.82	1.318	4.087	12.9693	18.008	116.761	19.281	1.007	.335	.675
3600.	1100.0	13143.28	1.316	4.104	13.0521	18.065	118.533	19.485	1.007	.330	.675
3650.	1100.0	13346.75	1.315	4.120	13.1349	18.123	120.305	19.689	1.007	.325	.674
3700.	1100.0	13550.22	1.313	4.137	13.2177	18.181	122.077	19.893	1.006	.321	.674
3750.	1100.0	13753.68	1.312	4.154	13.3005	18.239	123.849	20.097	1.006	.317	.674
3800.	1100.0	13957.15	1.310	4.170	13.3812	18.295	125.630	20.299	1.006	.313	.674
3850.	1100.0	14171.77	1.309	4.194	13.4568	18.348	127.881	20.498	1.006	.309	.672
3900.	1100.0	14384.40	1.307	4.219	13.5323	18.402	130.131	20.698	1.006	.305	.671
3950.	1100.0	14597.02	1.305	4.243	13.6078	18.455	132.382	20.897	1.006	.301	.570
4000.	1100.0	14809.55	1.303	4.267	13.6833	18.509	134.632	21.097	1.006	.297	.669
4050.	1100.0	15022.27	1.302	4.291	13.7589	18.562	136.883	21.296	1.006	.293	.668
4100.	1100.0	15234.90	1.300	4.316	13.8344	18.615	139.133	21.496	1.006	.290	.667
4150.	1100.0	15447.52	1.298	4.340	13.9099	18.669	141.384	21.695	1.006	.286	.666
4200.	1100.0	15660.15	1.296	4.364	13.9854	18.722	143.634	21.895	1.006	.283	.665
4250.	1100.0	15885.21	1.294	4.403	14.0544	18.774	146.796	22.091	1.006	.280	.663
4300.	1100.0	16110.27	1.292	4.441	14.1234	18.825	149.957	22.287	1.006	.276	.660
4350.	1100.0	16335.34	1.290	4.480	14.1923	18.876	153.119	22.483	1.006	.273	.658
4400.	1100.0	16560.40	1.288	4.518	14.2613	18.927	156.280	22.679	1.006	.270	.656
4450.	1100.0	16785.46	1.286	4.557	14.3302	18.978	159.442	22.876	1.006	.267	.654
4500.	1100.0	17010.52	1.284	4.596	14.3992	19.030	162.603	23.072	1.006	.264	.652
4550.	1100.0	17235.59	1.282	4.634	14.4681	19.081	165.765	23.268	1.006	.261	.651
4600.	1100.0	17460.65	1.280	4.673	14.5371	19.132	168.926	23.464	1.006	.258	.649
4650.	1100.0	17706.59	1.277	4.735	14.6059	19.183	173.717	23.658	1.007	.255	.645
4700.	1100.0	17952.52	1.275	4.797	14.6648	19.234	178.509	23.852	1.007	.253	.641
4750.	1100.0	18198.46	1.273	4.859	14.7286	19.285	183.300	24.046	1.007	.250	.637
4800.	1100.0	18444.40	1.271	4.922	14.7925	19.336	188.092	24.240	1.008	.247	.634
4850.	1100.0	18690.34	1.268	4.984	14.8563	19.387	192.883	24.434	1.008	.245	.631
4900.	1100.0	18936.27	1.266	5.046	14.9202	19.439	197.675	24.628	1.008	.242	.629
4950.	1100.0	19182.21	1.264	5.108	14.9840	19.490	202.466	24.823	1.008	.240	.626
5000.	1100.0	19428.15	1.261	5.170	15.0479	19.541	207.257	25.017	1.009	.237	.624

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	1200.0	-75.40	1.395	1.863	5.5694	1.579	18.100	12.172	1.265	28.551	1.253
38.	1200.0	-71.51	1.428	1.950	5.5352	1.682	17.762	11.230	1.217	28.207	1.253
40.	1200.0	-67.63	1.461	2.038	5.4429	1.785	17.424	10.287	1.165	27.995	1.203
42.	1200.0	-63.38	1.497	2.125	5.3755	1.885	17.174	9.609	1.124	27.634	1.187
44.	1200.0	-59.13	1.533	2.212	5.3082	1.987	16.924	8.931	1.083	27.376	1.167
46.	1200.0	-54.54	1.573	2.300	5.2374	2.087	16.738	8.406	1.050	27.008	1.155
48.	1200.0	-49.94	1.613	2.389	5.1665	2.187	16.552	7.882	1.017	26.721	1.137
50.	1200.0	-44.99	1.656	2.480	5.0903	2.286	16.412	7.462	.990	26.339	1.128
52.	1200.0	-40.03	1.699	2.571	5.0141	2.386	16.272	7.043	.964	26.022	1.113
54.	1200.0	-34.71	1.746	2.663	4.9332	2.484	16.160	6.698	.943	25.623	1.104
56.	1200.0	-29.39	1.792	2.755	4.8524	2.583	16.048	6.353	.921	25.277	1.091
58.	1200.0	-23.70	1.843	2.849	4.7765	2.681	15.950	6.063	.905	24.860	1.083
60.	1200.0	-18.01	1.893	2.943	4.6828	2.779	15.852	5.773	.888	24.427	1.072
62.	1200.0	-11.92	1.947	3.040	4.5956	2.877	15.757	5.526	.875	24.045	1.066
64.	1200.0	-6.05	1.996	3.132	4.5134	2.974	15.670	5.270	.861	23.664	1.054
66.	1200.0	.67	2.053	3.229	4.4280	3.072	15.539	5.074	.854	23.145	1.052
68.	1200.0	7.38	2.111	3.326	4.3425	3.169	15.468	4.878	.846	22.660	1.049
70.	1200.0	14.10	2.168	3.422	4.2570	3.267	15.367	4.681	.839	22.206	1.043
72.	1200.0	20.81	2.226	3.519	4.1715	3.365	15.266	4.485	.832	21.781	1.034
74.	1200.0	27.53	2.283	3.616	4.0860	3.463	15.165	4.289	.824	21.382	1.023
76.	1200.0	35.18	2.329	3.694	4.0120	3.560	15.048	4.153	.824	20.819	1.019
78.	1200.0	42.83	2.374	3.773	3.9380	3.657	14.932	4.017	.824	20.286	1.015
80.	1200.0	50.49	2.419	3.852	3.8640	3.754	14.816	3.881	.824	19.779	1.009
82.	1200.0	58.14	2.464	3.931	3.7900	3.850	14.699	3.745	.824	19.296	1.001
84.	1200.0	65.79	2.510	4.009	3.7160	3.947	14.583	3.609	.824	18.837	.992
86.	1200.0	73.99	2.519	4.039	3.6654	4.040	14.469	3.519	.829	18.290	.982
88.	1200.0	82.19	2.529	4.068	3.6147	4.132	14.355	3.428	.834	17.769	.972
90.	1200.0	90.40	2.538	4.097	3.5641	4.224	14.241	3.338	.839	17.272	.960
92.	1200.0	98.60	2.548	4.126	3.5135	4.316	14.127	3.248	.844	16.798	.949
94.	1200.0	106.80	2.558	4.155	3.4628	4.409	14.013	3.158	.845	16.345	.936
96.	1200.0	115.05	2.538	4.137	3.4372	4.492	13.939	3.105	.856	15.874	.921
98.	1200.0	123.29	2.519	4.118	3.4115	4.575	13.865	3.052	.863	15.424	.906
100.	1200.0	131.54	2.500	4.099	3.3859	4.658	13.790	2.999	.870	14.994	.891
102.	1200.0	139.79	2.481	4.080	3.3603	4.741	13.716	2.946	.877	14.583	.876
104.	1200.0	148.93	2.457	4.041	3.3244	4.843	13.561	2.872	.887	14.140	.856
106.	1200.0	156.56	2.428	4.015	3.3216	4.908	13.580	2.857	.893	13.782	.845
108.	1200.0	164.20	2.400	3.989	3.3187	4.972	13.598	2.841	.895	13.438	.833
110.	1200.0	171.83	2.371	3.964	3.3158	5.037	13.617	2.825	.905	13.108	.822
112.	1200.0	179.47	2.342	3.938	3.3130	5.101	13.636	2.809	.910	12.791	.811
114.	1200.0	187.10	2.314	3.912	3.3101	5.166	13.654	2.794	.916	12.486	.800
116.	1200.0	194.74	2.285	3.886	3.3072	5.230	13.673	2.778	.922	12.193	.790
118.	1200.0	202.37	2.257	3.860	3.3044	5.295	13.692	2.762	.928	11.911	.779
120.	1200.0	210.01	2.228	3.834	3.3015	5.359	13.710	2.747	.934	11.638	.768
122.	1200.0	217.65	2.199	3.809	3.2986	5.423	13.729	2.731	.940	11.376	.758
124.	1200.0	225.28	2.171	3.783	3.2958	5.488	13.747	2.715	.946	11.123	.747
126.	1200.0	232.92	2.142	3.757	3.2929	5.552	13.766	2.700	.952	10.879	.737
128.	1200.0	240.55	2.114	3.731	3.2900	5.617	13.785	2.684	.957	10.644	.726
130.	1200.0	248.19	2.085	3.705	3.2872	5.681	13.803	2.668	.963	10.416	.716
132.	1200.0	255.82	2.056	3.680	3.2843	5.746	13.822	2.653	.969	10.196	.706
134.	1200.0	263.46	2.028	3.654	3.2814	5.810	13.841	2.637	.975	9.983	.696
136.	1200.0	271.09	1.999	3.628	3.2786	5.875	13.859	2.621	.981	9.778	.686
138.	1200.0	278.28	1.980	3.628	3.2853	5.922	13.957	2.628	.984	9.608	.683
140.	1200.0	285.47	1.961	3.629	3.2920	5.969	14.055	2.635	.987	9.443	.680
142.	1200.0	292.66	1.942	3.629	3.2987	6.016	14.153	2.641	.990	9.282	.677
144.	1200.0	299.84	1.922	3.630	3.3054	6.063	14.251	2.648	.992	9.127	.674
146.	1200.0	307.03	1.903	3.630	3.3121	6.110	14.348	2.655	.995	8.976	.672
148.	1200.0	314.22	1.884	3.631	3.3188	6.158	14.446	2.661	.996	8.829	.669
150.	1200.0	321.41	1.865	3.631	3.3255	6.205	14.544	2.668	1.001	8.686	.666

152.	1200.0	328.59	1.846	3.632	3.3322	6.252	14.642	2.675	1.004	8.547	.663
154.	1200.0	335.78	1.827	3.632	3.3389	6.299	14.739	2.681	1.007	8.411	.661
155.	1200.0	342.97	1.807	3.633	3.3456	6.346	14.837	2.688	1.010	8.280	.658
158.	1200.0	350.16	1.788	3.633	3.3523	6.393	14.935	2.695	1.013	8.152	.656
160.	1200.0	357.35	1.769	3.633	3.3590	6.440	15.033	2.702	1.016	8.027	.653
162.	1200.0	364.53	1.750	3.634	3.3657	6.488	15.131	2.708	1.019	7.905	.650
164.	1200.0	371.72	1.731	3.634	3.3724	6.535	15.228	2.715	1.021	7.786	.648
166.	1200.0	378.91	1.711	3.635	3.3792	6.582	15.326	2.722	1.024	7.671	.645
168.	1200.0	386.10	1.692	3.635	3.3859	6.629	15.424	2.728	1.027	7.558	.643
170.	1200.0	393.58	1.681	3.648	3.3945	6.670	15.545	2.740	1.025	7.459	.643
172.	1200.0	401.07	1.671	3.661	3.4031	6.712	15.667	2.751	1.030	7.362	.643
174.	1200.0	408.55	1.660	3.673	3.4118	6.753	15.788	2.762	1.031	7.267	.643
176.	1200.0	416.04	1.649	3.686	3.4204	6.794	15.910	2.773	1.033	7.175	.643
178.	1200.0	423.52	1.639	3.699	3.4290	6.835	16.031	2.785	1.034	7.084	.642
180.	1200.0	431.01	1.628	3.711	3.4377	6.877	16.153	2.796	1.036	6.996	.642
185.	1200.0	449.72	1.601	3.743	3.4592	6.980	16.456	2.824	1.039	6.784	.642
190.	1200.0	468.43	1.575	3.775	3.4808	7.083	16.760	2.852	1.043	6.583	.642
195.	1200.0	487.14	1.548	3.807	3.5024	7.186	17.064	2.880	1.046	6.392	.643
200.	1200.0	504.89	1.514	3.865	3.5212	7.305	17.558	2.916	1.051	6.206	.642
205.	1200.0	525.02	1.507	3.877	3.5501	7.387	17.795	2.947	1.052	6.050	.642
210.	1200.0	545.15	1.499	3.889	3.5789	7.469	18.033	2.979	1.052	5.902	.642
215.	1200.0	565.28	1.492	3.901	3.6078	7.551	18.270	3.010	1.053	5.761	.643
220.	1200.0	585.41	1.485	3.913	3.6367	7.633	18.508	3.042	1.054	5.626	.643
225.	1200.0	605.54	1.477	3.924	3.6656	7.714	18.746	3.073	1.055	5.497	.643
230.	1200.0	625.67	1.470	3.935	3.6944	7.796	18.983	3.105	1.055	5.374	.644
235.	1200.0	645.80	1.463	3.948	3.7233	7.878	19.221	3.136	1.056	5.256	.644
240.	1200.0	665.94	1.455	3.960	3.7522	7.960	19.458	3.166	1.057	5.143	.645
245.	1200.0	686.07	1.448	3.972	3.7811	8.042	19.696	3.199	1.057	5.035	.645
250.	1200.0	706.20	1.441	3.984	3.8099	8.124	19.934	3.231	1.058	4.931	.646
255.	1200.0	726.33	1.433	3.996	3.8388	8.206	20.171	3.263	1.059	4.831	.646
260.	1200.0	746.46	1.426	4.008	3.8677	8.288	20.409	3.294	1.060	4.734	.647
265.	1200.0	766.59	1.419	4.020	3.8966	8.369	20.646	3.326	1.060	4.642	.648
270.	1200.0	786.72	1.412	4.032	3.9255	8.451	20.884	3.357	1.061	4.553	.648
275.	1200.0	806.85	1.404	4.044	3.9543	8.533	21.122	3.389	1.062	4.467	.649
280.	1200.0	826.98	1.397	4.056	3.9832	8.615	21.359	3.420	1.063	4.384	.649
285.	1200.0	847.11	1.390	4.068	4.0121	8.697	21.597	3.452	1.063	4.304	.650
290.	1200.0	867.24	1.382	4.080	4.0410	8.779	21.834	3.483	1.064	4.227	.651
295.	1200.0	887.37	1.375	4.092	4.0698	8.861	22.072	3.515	1.065	4.153	.652
300.	1200.0	907.50	1.368	4.104	4.0987	8.942	22.310	3.546	1.065	4.081	.652
305.	1200.0	927.41	1.368	4.091	4.1291	8.999	22.399	3.580	1.065	4.015	.654
310.	1200.0	947.31	1.369	4.078	4.1594	9.055	22.489	3.614	1.065	3.952	.655
315.	1200.0	967.22	1.370	4.065	4.1898	9.111	22.578	3.648	1.064	3.890	.657
320.	1200.0	987.12	1.371	4.052	4.2201	9.167	22.668	3.682	1.064	3.830	.658
325.	1200.0	1007.03	1.371	4.039	4.2505	9.223	22.758	3.716	1.064	3.772	.659
330.	1200.0	1026.94	1.372	4.026	4.2808	9.279	22.847	3.750	1.064	3.716	.661
335.	1200.0	1046.84	1.373	4.013	4.3112	9.335	22.937	3.783	1.063	3.662	.662
340.	1200.0	1066.75	1.374	3.999	4.3415	9.391	23.026	3.817	1.063	3.609	.663
345.	1200.0	1086.65	1.374	3.986	4.3719	9.447	23.116	3.851	1.063	3.558	.664
350.	1200.0	1106.56	1.375	3.973	4.4022	9.504	23.205	3.885	1.062	3.508	.665
355.	1200.0	1126.47	1.376	3.960	4.4325	9.560	23.295	3.919	1.062	3.460	.666
360.	1200.0	1146.37	1.377	3.947	4.4629	9.616	23.385	3.953	1.062	3.413	.667
365.	1200.0	1166.28	1.378	3.934	4.4933	9.672	23.474	3.987	1.061	3.367	.668
370.	1200.0	1186.18	1.378	3.921	4.5236	9.728	23.564	4.021	1.061	3.322	.669
375.	1200.0	1206.09	1.379	3.908	4.5540	9.784	23.653	4.055	1.061	3.279	.670
380.	1200.0	1226.00	1.380	3.895	4.5844	9.840	23.743	4.089	1.060	3.237	.671
385.	1200.0	1245.90	1.381	3.882	4.6147	9.895	23.833	4.122	1.060	3.196	.671
390.	1200.0	1265.81	1.381	3.868	4.6451	9.952	23.922	4.156	1.060	3.156	.672
395.	1200.0	1285.71	1.382	3.855	4.6754	10.009	24.012	4.190	1.059	3.117	.673
400.	1200.0	1307.72	1.385	3.817	4.7217	10.095	24.313	4.235	1.059	3.078	.665
420.	1200.0	1380.33	1.386	3.792	4.8200	10.236	24.814	4.354	1.058	2.935	.665
440.	1200.0	1452.95	1.388	3.766	4.9184	10.377	25.315	4.474	1.057	2.805	.666
460.	1200.0	1525.56	1.389	3.741	5.0167	10.518	25.816	4.593	1.055	2.687	.666

480.	1200.0	1598.18	1.390	3.715	5.1151	10.660	26.318	4.713	1.054	2.578	.665
500.	1200.0	1670.79	1.392	3.690	5.2134	10.801	26.819	4.832	1.053	2.478	.665
520.	1200.0	1743.41	1.393	3.664	5.3118	10.942	27.320	4.952	1.051	2.386	.664
540.	1200.0	1816.02	1.394	3.638	5.4101	11.083	27.821	5.071	1.050	2.300	.663
560.	1200.0	1888.64	1.396	3.613	5.5085	11.225	28.322	5.191	1.049	2.221	.662
580.	1200.0	1961.25	1.397	3.587	5.6068	11.366	28.823	5.310	1.047	2.147	.661
600.	1200.0	2033.86	1.398	3.562	5.7051	11.507	29.324	5.430	1.046	2.078	.659
620.	1200.0	2106.48	1.400	3.536	5.8035	11.648	29.825	5.549	1.045	2.014	.658
640.	1200.0	2179.09	1.401	3.510	5.9018	11.790	30.327	5.669	1.044	1.953	.656
660.	1200.0	2250.21	1.402	3.497	5.9873	11.904	30.874	5.782	1.042	1.896	.655
680.	1200.0	2319.82	1.401	3.496	6.0659	11.992	31.467	5.890	1.042	1.842	.654
700.	1200.0	2389.44	1.401	3.496	6.1425	12.081	32.060	5.998	1.041	1.790	.654
720.	1200.0	2459.06	1.400	3.495	6.2193	12.169	32.653	6.106	1.040	1.742	.653
740.	1200.0	2528.67	1.400	3.494	6.2955	12.257	33.246	6.213	1.039	1.696	.653
760.	1200.0	2598.29	1.400	3.493	6.3722	12.345	33.839	6.321	1.038	1.653	.653
780.	1200.0	2667.90	1.399	3.493	6.4487	12.433	34.432	6.429	1.037	1.612	.652
800.	1200.0	2737.52	1.399	3.492	6.5253	12.521	35.025	6.537	1.037	1.573	.652
820.	1200.0	2807.14	1.399	3.491	6.6019	12.610	35.618	6.644	1.036	1.536	.651
840.	1200.0	2876.75	1.398	3.490	6.6785	12.698	36.211	6.752	1.035	1.500	.651
860.	1200.0	2946.37	1.398	3.490	6.7553	12.786	36.804	6.860	1.034	1.467	.650
880.	1200.0	3015.98	1.398	3.489	6.8316	12.874	37.397	6.967	1.033	1.435	.650
900.	1200.0	3085.60	1.397	3.488	6.9082	12.962	37.990	7.075	1.032	1.404	.650
920.	1200.0	3155.31	1.397	3.487	6.9755	13.030	38.670	7.179	1.032	1.374	.647
940.	1200.0	3225.02	1.397	3.487	7.0429	13.098	39.350	7.283	1.031	1.346	.645
960.	1200.0	3294.74	1.397	3.486	7.1102	13.166	40.030	7.386	1.031	1.318	.643
980.	1200.0	3364.45	1.397	3.486	7.1776	13.234	40.710	7.490	1.030	1.292	.641
1000.	1200.0	3434.16	1.397	3.485	7.2450	13.302	41.390	7.594	1.030	1.267	.639
1050.	1200.0	3608.44	1.396	3.484	7.4133	13.472	43.090	7.853	1.028	1.208	.635
1100.	1200.0	3782.72	1.396	3.482	7.5817	13.643	44.790	8.113	1.027	1.155	.631
1150.	1200.0	3957.00	1.396	3.481	7.7501	13.813	46.490	8.372	1.026	1.106	.627
1200.	1200.0	4131.77	1.394	3.487	7.9972	13.949	47.383	8.648	1.025	1.061	.636
1250.	1200.0	4306.54	1.393	3.493	8.0444	14.086	48.275	8.923	1.024	1.019	.646
1300.	1200.0	4481.32	1.392	3.499	8.1915	14.223	49.168	9.199	1.023	.981	.655
1350.	1200.0	4656.09	1.390	3.505	8.3386	14.359	50.060	9.474	1.022	.946	.663
1400.	1200.0	4828.67	1.389	3.507	8.4963	14.508	50.313	9.779	1.021	.913	.682
1450.	1200.0	5006.47	1.388	3.517	8.6237	14.614	51.738	10.018	1.020	.882	.681
1500.	1200.0	5184.28	1.386	3.528	8.7513	14.720	53.164	10.257	1.019	.853	.681
1550.	1200.0	5362.08	1.385	3.538	8.8784	14.826	54.589	10.496	1.019	.826	.680
1600.	1200.0	5539.85	1.383	3.548	9.0057	14.933	56.015	10.735	1.018	.801	.680
1650.	1200.0	5717.65	1.382	3.558	9.1331	15.039	57.440	10.973	1.018	.777	.680
1700.	1200.0	5895.50	1.380	3.568	9.2604	15.145	58.865	11.212	1.017	.754	.680
1750.	1200.0	6073.30	1.379	3.578	9.3879	15.251	60.291	11.451	1.017	.733	.680
1800.	1200.0	6251.11	1.377	3.588	9.5151	15.358	61.716	11.690	1.016	.713	.680
1850.	1200.0	6428.91	1.376	3.598	9.6425	15.464	63.142	11.929	1.016	.694	.680
1900.	1200.0	6606.72	1.374	3.608	9.7698	15.570	64.567	12.167	1.015	.676	.680
1950.	1200.0	6784.52	1.373	3.618	9.8972	15.676	65.993	12.406	1.014	.659	.680
2000.	1200.0	6962.35	1.371	3.628	10.0245	15.783	67.418	12.645	1.014	.642	.680
2050.	1200.0	7147.86	1.369	3.643	10.1295	15.863	68.934	12.867	1.014	.626	.680
2100.	1200.0	7333.42	1.367	3.657	10.2344	15.943	70.450	13.089	1.013	.613	.679
2150.	1200.0	7518.97	1.365	3.672	10.3394	16.023	71.966	13.311	1.013	.599	.679
2200.	1200.0	7704.52	1.363	3.686	10.4443	16.103	73.483	13.533	1.013	.585	.679
2250.	1200.0	7890.07	1.362	3.700	10.5493	16.184	74.999	13.755	1.012	.573	.679
2300.	1200.0	8075.61	1.360	3.715	10.6542	16.264	76.515	13.977	1.012	.560	.679
2350.	1200.0	8261.16	1.358	3.729	10.7592	16.344	78.031	14.200	1.012	.549	.679
2400.	1200.0	8446.71	1.356	3.744	10.8642	16.424	79.547	14.422	1.012	.537	.679
2450.	1200.0	8632.26	1.354	3.758	10.9691	16.504	81.063	14.644	1.011	.526	.679
2500.	1200.0	8817.80	1.352	3.773	11.0741	16.584	82.579	14.866	1.011	.516	.679
2550.	1200.0	9003.35	1.350	3.767	11.1790	16.665	84.095	15.088	1.011	.506	.679
2600.	1200.0	9188.90	1.348	3.802	11.2840	16.745	85.611	15.310	1.010	.497	.680
2650.	1200.0	9383.00	1.347	3.816	11.3768	16.812	87.173	15.522	1.010	.487	.679
2700.	1200.0	9577.10	1.345	3.830	11.4696	16.879	88.735	15.734	1.010	.478	.679
2750.	1200.0	9771.20	1.343	3.844	11.5624	16.946	90.297	15.946	1.010	.470	.679

2800.	1200.0	9965.30	1.342	3.858	11.6552	17.013	91.859	16.158	1.01C	.461	.579
2850.	1200.0	10159.40	1.340	3.872	11.7483	17.080	93.421	16.370	1.009	.453	.578
2900.	1200.0	10353.50	1.339	3.886	11.8407	17.147	94.983	16.581	1.009	.446	.678
2950.	1200.0	10547.60	1.337	3.900	11.9335	17.214	96.545	16.793	1.009	.438	.678
3000.	1200.0	10741.70	1.335	3.914	12.0263	17.281	98.106	17.005	1.009	.431	.678
3050.	1200.0	10935.80	1.334	3.928	12.1191	17.348	99.668	17.217	1.009	.424	.679
3100.	1200.0	11129.90	1.332	3.942	12.2119	17.415	101.230	17.429	1.009	.417	.679
3150.	1200.0	11324.00	1.330	3.956	12.3047	17.482	102.792	17.641	1.008	.411	.679
3200.	1200.0	11518.10	1.329	3.970	12.3975	17.549	104.354	17.853	1.008	.404	.679
3250.	1200.0	11721.53	1.327	3.987	12.4892	17.606	106.121	18.057	1.008	.398	.578
3300.	1200.0	11924.97	1.326	4.003	12.5530	17.664	107.889	18.261	1.008	.392	.678
3350.	1200.0	12128.40	1.324	4.020	12.6457	17.722	109.656	18.465	1.008	.386	.677
3400.	1200.0	12331.83	1.323	4.036	12.7285	17.780	111.423	18.669	1.008	.381	.676
3450.	1200.0	12535.27	1.321	4.053	12.8112	17.838	113.191	18.873	1.008	.375	.676
3500.	1200.0	12738.70	1.320	4.070	12.8940	17.896	114.958	19.077	1.007	.370	.675
3550.	1200.0	12942.13	1.318	4.086	12.9767	17.953	116.725	19.281	1.007	.365	.675
3600.	1200.0	13145.57	1.316	4.103	13.0595	18.011	118.493	19.485	1.007	.360	.675
3650.	1200.0	13349.00	1.315	4.119	13.1422	18.069	120.260	19.689	1.007	.355	.674
3700.	1200.0	13552.43	1.313	4.136	13.2250	18.127	122.027	19.893	1.007	.350	.674
3750.	1200.0	13755.87	1.312	4.152	13.3077	18.185	123.795	20.097	1.007	.345	.674
3800.	1200.0	13961.30	1.310	4.169	13.3885	18.240	125.571	20.299	1.007	.341	.674
3850.	1200.0	14173.80	1.309	4.193	13.4640	18.294	127.806	20.498	1.007	.337	.672
3900.	1200.0	14386.30	1.307	4.217	13.5396	18.347	130.040	20.698	1.007	.332	.671
3950.	1200.0	14598.80	1.305	4.241	13.6151	18.401	132.275	20.897	1.007	.328	.670
4000.	1200.0	14811.30	1.303	4.264	13.6907	18.454	134.510	21.097	1.007	.324	.669
4050.	1200.0	15023.80	1.302	4.288	13.7662	18.508	136.745	21.296	1.007	.320	.668
4100.	1200.0	15236.30	1.300	4.312	13.8418	18.561	138.979	21.496	1.007	.316	.667
4150.	1200.0	15448.80	1.298	4.336	13.9173	18.614	141.214	21.695	1.006	.312	.666
4200.	1200.0	15661.30	1.297	4.360	13.9929	18.668	143.449	21.895	1.006	.309	.665
4250.	1200.0	15886.05	1.295	4.388	14.0619	18.719	146.574	22.091	1.007	.305	.663
4300.	1200.0	16110.80	1.292	4.436	14.1310	18.770	149.700	22.287	1.007	.301	.660
4350.	1200.0	16335.55	1.290	4.474	14.2000	18.821	152.825	22.483	1.007	.298	.658
4400.	1200.0	16560.30	1.288	4.512	14.2690	18.872	155.950	22.679	1.007	.294	.656
4450.	1200.0	16785.05	1.286	4.550	14.3381	18.923	159.076	22.875	1.007	.291	.654
4500.	1200.0	17009.80	1.284	4.588	14.4071	18.975	162.201	23.072	1.007	.288	.653
4550.	1200.0	17234.55	1.282	4.626	14.4762	19.026	165.327	23.268	1.007	.285	.651
4600.	1200.0	17459.30	1.280	4.664	14.5452	19.077	168.452	23.464	1.007	.282	.650
4650.	1200.0	17704.55	1.278	4.725	14.6091	19.128	173.171	23.658	1.007	.279	.645
4700.	1200.0	17949.80	1.276	4.786	14.6731	19.179	177.890	23.852	1.007	.275	.642
4750.	1200.0	18195.05	1.273	4.847	14.7370	19.230	182.609	24.046	1.008	.273	.638
4800.	1200.0	18440.30	1.271	4.908	14.8009	19.281	187.328	24.240	1.008	.270	.635
4850.	1200.0	18685.55	1.269	4.969	14.8649	19.332	192.048	24.434	1.008	.267	.632
4900.	1200.0	18930.80	1.266	5.029	14.9288	19.383	196.767	24.628	1.008	.264	.630
4950.	1200.0	19176.05	1.264	5.090	14.9928	19.434	201.486	24.822	1.009	.261	.627
5000.	1200.0	19421.30	1.262	5.151	15.0567	19.484	206.205	25.016	1.009	.259	.625

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY *(10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY *(10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT (LB/CU.IN)	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
K=9200											
36.	1300.0	-72.29	1.386	1.847	5.6388	1.563	18.442	12.568	1.365	28.753	1.259
38.	1300.0	-68.44	1.417	1.933	5.5783	1.665	18.075	11.590	1.309	28.416	1.240
40.	1300.0	-64.58	1.449	2.019	5.5177	1.766	17.707	10.612	1.252	28.215	1.210
42.	1300.0	-60.38	1.484	2.104	5.4526	1.867	17.333	9.911	1.208	27.862	1.196
44.	1300.0	-56.17	1.518	2.189	5.3875	1.967	17.158	9.210	1.163	27.614	1.175
46.	1300.0	-51.63	1.556	2.275	5.3192	2.066	16.952	8.669	1.127	27.256	1.163
48.	1300.0	-47.08	1.594	2.361	5.2508	2.165	16.747	8.128	1.091	26.981	1.146
50.	1300.0	-42.19	1.635	2.449	5.1774	2.263	16.593	7.697	1.062	26.611	1.136
52.	1300.0	-37.30	1.676	2.537	5.1039	2.360	16.439	7.267	1.033	26.307	1.121
54.	1300.0	-32.05	1.720	2.625	5.0264	2.458	16.319	6.914	1.009	25.922	1.112
56.	1300.0	-26.81	1.764	2.714	4.9490	2.555	16.199	6.561	.986	25.592	1.099
58.	1300.0	-21.21	1.812	2.804	4.8577	2.652	16.098	6.264	.967	25.190	1.091
60.	1300.0	-15.61	1.859	2.894	4.7863	2.748	15.997	5.968	.948	24.834	1.080
62.	1300.0	-9.63	1.909	2.986	4.7036	2.844	15.903	5.716	.934	24.411	1.073
64.	1300.0	-3.93	1.951	3.067	4.6295	2.937	15.821	5.459	.915	24.034	1.058
66.	1300.0	2.62	2.004	3.156	4.5480	3.033	15.728	5.260	.910	23.539	1.056
68.	1300.0	9.17	2.056	3.246	4.4665	3.128	15.635	5.061	.900	23.078	1.051
70.	1300.0	15.73	2.109	3.336	4.3851	3.224	15.542	4.862	.891	22.647	1.044
72.	1300.0	22.28	2.162	3.426	4.3036	3.319	15.449	4.663	.882	22.245	1.034
74.	1300.0	28.83	2.215	3.515	4.2221	3.415	15.356	4.464	.873	21.869	1.022
76.	1300.0	36.25	2.257	3.589	4.1503	3.509	15.252	4.326	.871	21.337	1.018
78.	1300.0	43.68	2.300	3.663	4.0786	3.603	15.148	4.188	.870	20.831	1.013
80.	1300.0	51.10	2.342	3.737	4.0069	3.697	15.044	4.050	.868	20.352	1.006
82.	1300.0	58.52	2.384	3.811	3.9352	3.791	14.939	3.912	.866	19.895	.998
84.	1300.0	65.94	2.427	3.885	3.8634	3.885	14.835	3.774	.864	19.461	.988
86.	1300.0	73.90	2.438	3.917	3.8122	3.974	14.733	3.681	.868	18.959	.979
88.	1300.0	81.86	2.450	3.948	3.7609	4.064	14.631	3.588	.871	18.441	.968
90.	1300.0	89.82	2.461	3.980	3.7097	4.153	14.529	3.495	.874	17.966	.957
92.	1300.0	97.78	2.473	4.012	3.6584	4.243	14.427	3.402	.877	17.511	.946
94.	1300.0	105.74	2.484	4.044	3.6072	4.332	14.325	3.309	.880	17.077	.934
96.	1300.0	113.81	2.470	4.033	3.5781	4.414	14.257	3.252	.886	16.617	.920
98.	1300.0	121.87	2.456	4.023	3.5502	4.495	14.188	3.195	.891	16.178	.906
100.	1300.0	129.94	2.442	4.012	3.5211	4.576	14.119	3.138	.897	15.757	.892
102.	1300.0	138.01	2.428	4.002	3.4932	4.658	14.051	3.081	.902	15.353	.877
104.	1300.0	147.37	2.413	3.978	3.4500	4.764	13.979	3.000	.912	14.905	.860
106.	1300.0	154.96	2.387	3.956	3.4444	4.828	13.895	2.981	.917	14.542	.849
108.	1300.0	162.54	2.361	3.935	3.4388	4.892	13.911	2.962	.922	14.194	.838
110.	1300.0	170.13	2.336	3.914	3.4332	4.956	13.926	2.943	.927	13.859	.827
112.	1300.0	177.72	2.310	3.893	3.4275	5.020	13.942	2.925	.932	13.537	.817
114.	1300.0	185.31	2.284	3.871	3.4219	5.084	13.958	2.906	.937	13.227	.806
116.	1300.0	192.90	2.258	3.850	3.4163	5.148	13.973	2.887	.942	12.928	.795
118.	1300.0	200.48	2.232	3.829	3.4107	5.212	13.989	2.868	.947	12.640	.785
120.	1300.0	208.07	2.206	3.807	3.4051	5.276	14.005	2.849	.952	12.363	.775
122.	1300.0	215.66	2.181	3.786	3.3995	5.340	14.020	2.831	.958	12.095	.764
124.	1300.0	223.25	2.155	3.765	3.3938	5.404	14.036	2.812	.963	11.837	.754
126.	1300.0	230.84	2.129	3.743	3.3882	5.468	14.051	2.793	.968	11.588	.744
128.	1300.0	238.43	2.103	3.722	3.3826	5.532	14.067	2.774	.973	11.347	.734
130.	1300.0	246.01	2.077	3.701	3.3770	5.597	14.083	2.756	.978	11.114	.724
132.	1300.0	253.60	2.051	3.680	3.3714	5.661	14.098	2.737	.983	10.886	.714
134.	1300.0	261.19	2.026	3.658	3.3658	5.725	14.114	2.718	.988	10.670	.705
136.	1300.0	268.78	2.000	3.637	3.3602	5.789	14.130	2.699	.993	10.459	.695
138.	1300.0	276.00	1.981	3.636	3.3653	5.836	14.223	2.704	.996	10.260	.692
140.	1300.0	283.22	1.962	3.639	3.3704	5.883	14.317	2.710	.999	10.105	.689
142.	1300.0	290.45	1.943	3.640	3.3755	5.931	14.411	2.715	1.001	9.936	.686
144.	1300.0	297.67	1.924	3.642	3.3803	5.978	14.505	2.720	1.004	9.772	.683
146.	1300.0	304.89	1.905	3.643	3.3859	6.026	14.599	2.725	1.007	9.612	.680
148.	1300.0	312.11	1.887	3.644	3.3911	6.073	14.693	2.730	1.010	9.457	.677
150.	1300.0	319.34	1.868	3.645	3.3962	6.120	14.787	2.735	1.012	9.306	.674

152.	1300.0	326.56	1.849	3.646	3.4014	6.163	14.881	2.741	1.015	9.159	.672
154.	1300.0	333.78	1.830	3.648	3.4065	6.215	14.975	2.746	1.018	9.016	.669
156.	1300.0	341.01	1.811	3.649	3.4117	6.263	15.069	2.751	1.020	8.877	.666
158.	1300.0	348.23	1.792	3.650	3.4168	6.310	15.162	2.756	1.023	8.741	.663
160.	1300.0	355.45	1.773	3.651	3.4220	6.357	15.256	2.761	1.026	8.609	.661
162.	1300.0	362.67	1.754	3.652	3.4271	6.405	15.350	2.766	1.029	8.481	.658
164.	1300.0	369.90	1.735	3.653	3.4323	6.452	15.444	2.771	1.031	8.355	.656
166.	1300.0	377.12	1.717	3.655	3.4374	6.500	15.538	2.777	1.034	8.233	.653
168.	1300.0	384.34	1.698	3.656	3.4426	6.547	15.632	2.782	1.037	8.114	.651
170.	1300.0	391.87	1.687	3.668	3.4504	6.588	15.753	2.792	1.038	8.008	.650
172.	1300.0	399.39	1.676	3.681	3.4583	6.630	15.874	2.803	1.039	7.904	.650
174.	1300.0	406.91	1.665	3.694	3.4661	6.671	15.995	2.813	1.041	7.803	.650
176.	1300.0	414.44	1.655	3.706	3.4740	6.713	16.117	2.823	1.042	7.705	.649
178.	1300.0	421.95	1.644	3.719	3.4818	6.754	16.238	2.834	1.043	7.608	.649
180.	1300.0	429.48	1.633	3.731	3.4897	6.796	16.359	2.844	1.045	7.514	.649
185.	1300.0	448.29	1.606	3.763	3.5093	6.899	16.662	2.870	1.048	7.287	.648
190.	1300.0	467.10	1.580	3.794	3.5289	7.003	16.965	2.896	1.052	7.072	.648
195.	1300.0	485.91	1.553	3.825	3.5495	7.107	17.268	2.922	1.055	6.869	.647
200.	1300.0	503.80	1.518	3.883	3.5650	7.227	17.764	2.955	1.059	6.670	.646
205.	1300.0	524.00	1.511	3.894	3.5933	7.309	18.004	2.986	1.060	6.504	.646
210.	1300.0	544.19	1.503	3.905	3.6215	7.391	18.243	3.016	1.060	6.345	.646
215.	1300.0	564.39	1.496	3.917	3.6498	7.473	18.483	3.047	1.061	6.194	.646
220.	1300.0	584.59	1.489	3.929	3.6780	7.555	18.723	3.077	1.062	6.050	.646
225.	1300.0	604.79	1.481	3.940	3.7062	7.637	18.963	3.107	1.062	5.912	.646
230.	1300.0	624.98	1.474	3.952	3.7345	7.719	19.203	3.138	1.063	5.780	.646
235.	1300.0	645.18	1.466	3.963	3.7627	7.802	19.442	3.168	1.064	5.653	.646
240.	1300.0	665.38	1.459	3.975	3.7910	7.884	19.682	3.199	1.064	5.532	.646
245.	1300.0	685.58	1.451	3.986	3.8192	7.966	19.922	3.229	1.065	5.416	.646
250.	1300.0	705.77	1.444	3.998	3.8475	8.048	20.162	3.260	1.066	5.305	.646
255.	1300.0	725.97	1.437	4.009	3.8757	8.130	20.402	3.290	1.066	5.198	.647
260.	1300.0	746.17	1.429	4.021	3.9040	8.212	20.641	3.320	1.067	5.095	.647
265.	1300.0	766.37	1.422	4.032	3.9322	8.294	20.881	3.351	1.067	4.996	.647
270.	1300.0	786.56	1.414	4.044	3.9605	8.377	21.121	3.381	1.068	4.900	.647
275.	1300.0	806.75	1.407	4.056	3.9887	8.459	21.361	3.412	1.069	4.808	.648
280.	1300.0	826.95	1.400	4.067	4.0169	8.541	21.601	3.442	1.069	4.720	.648
285.	1300.0	847.16	1.392	4.079	4.0452	8.623	21.840	3.473	1.070	4.634	.648
290.	1300.0	867.35	1.385	4.090	4.0734	8.705	22.080	3.503	1.071	4.551	.649
295.	1300.0	887.55	1.377	4.102	4.1017	8.787	22.320	3.533	1.071	4.472	.649
300.	1300.0	907.75	1.370	4.113	4.1299	8.869	22.560	3.564	1.072	4.394	.650
305.	1300.0	927.69	1.371	4.100	4.1601	8.926	22.649	3.597	1.071	4.324	.651
310.	1300.0	947.63	1.371	4.087	4.1903	8.982	22.737	3.631	1.071	4.256	.653
315.	1300.0	967.57	1.372	4.073	4.2205	9.038	22.826	3.665	1.071	4.189	.654
320.	1300.0	987.51	1.373	4.060	4.2507	9.094	22.915	3.698	1.070	4.125	.655
325.	1300.0	1007.44	1.373	4.047	4.2809	9.150	23.003	3.732	1.070	4.063	.656
330.	1300.0	1027.38	1.374	4.033	4.3111	9.207	23.092	3.765	1.070	4.003	.658
335.	1300.0	1047.32	1.375	4.020	4.3413	9.263	23.181	3.799	1.069	3.945	.659
340.	1300.0	1067.26	1.376	4.007	4.3715	9.319	23.269	3.832	1.069	3.888	.660
345.	1300.0	1087.20	1.376	3.994	4.4017	9.375	23.358	3.866	1.069	3.833	.661
350.	1300.0	1107.14	1.377	3.980	4.4319	9.431	23.447	3.899	1.068	3.780	.662
355.	1300.0	1127.08	1.378	3.967	4.4621	9.488	23.535	3.933	1.068	3.728	.663
360.	1300.0	1147.02	1.378	3.954	4.4923	9.544	23.624	3.967	1.067	3.677	.664
365.	1300.0	1166.96	1.379	3.940	4.5225	9.600	23.713	4.000	1.067	3.628	.665
370.	1300.0	1186.90	1.380	3.927	4.5527	9.656	23.801	4.034	1.067	3.580	.666
375.	1300.0	1206.83	1.381	3.914	4.5829	9.712	23.890	4.067	1.066	3.534	.666
380.	1300.0	1226.77	1.381	3.901	4.6131	9.769	23.979	4.101	1.066	3.488	.667
385.	1300.0	1246.71	1.382	3.887	4.6433	9.825	24.068	4.134	1.066	3.444	.668
390.	1300.0	1266.65	1.383	3.874	4.6734	9.881	24.156	4.168	1.065	3.401	.668
395.	1300.0	1286.59	1.384	3.861	4.7036	9.937	24.245	4.201	1.065	3.359	.669
400.	1300.0	1306.53	1.387	3.822	4.7499	10.023	24.545	4.246	1.065	3.318	.661
420.	1300.0	1381.32	1.388	3.797	4.8478	10.165	25.041	4.365	1.063	3.164	.662
440.	1300.0	1454.01	1.389	3.771	4.9453	10.306	25.537	4.484	1.062	3.024	.662
460.	1300.0	1526.70	1.390	3.745	5.0434	10.448	26.032	4.603	1.060	2.897	.662

480.	1300.0	1599.39	1.392	3.719	5.1412	10.589	26.528	4.722	1.059	2.780	.662
500.	1300.0	1672.08	1.393	3.693	5.2399	10.730	27.023	4.841	1.057	2.673	.662
520.	1300.0	1744.77	1.394	3.667	5.3358	10.872	27.519	4.960	1.056	2.573	.661
540.	1300.0	1817.46	1.395	3.642	5.4345	11.013	28.015	5.079	1.055	2.481	.660
560.	1300.0	1890.15	1.396	3.616	5.5325	11.155	28.510	5.198	1.053	2.396	.659
580.	1300.0	1962.84	1.398	3.590	5.6303	11.296	29.006	5.317	1.052	2.317	.658
600.	1300.0	2035.53	1.399	3.564	5.7281	11.437	29.501	5.436	1.050	2.243	.657
620.	1300.0	2108.22	1.400	3.538	5.8259	11.579	29.997	5.555	1.049	2.173	.655
640.	1300.0	2180.91	1.401	3.512	5.9237	11.720	30.493	5.674	1.047	2.108	.654
660.	1300.0	2252.07	1.402	3.499	6.0108	11.835	31.035	5.787	1.046	2.047	.652
680.	1300.0	2321.72	1.401	3.498	6.0871	11.923	31.624	5.895	1.045	1.988	.652
700.	1300.0	2391.36	1.401	3.497	6.1634	12.011	32.213	6.002	1.044	1.933	.652
720.	1300.0	2461.00	1.401	3.497	6.2397	12.099	32.802	6.110	1.043	1.881	.651
740.	1300.0	2530.65	1.400	3.496	6.3160	12.188	33.391	6.217	1.042	1.832	.651
760.	1300.0	2600.29	1.400	3.495	6.3923	12.276	33.980	6.325	1.041	1.785	.651
780.	1300.0	2669.94	1.400	3.494	6.4685	12.364	34.569	6.432	1.040	1.741	.650
800.	1300.0	2739.58	1.399	3.493	6.5448	12.452	35.159	6.540	1.040	1.699	.650
820.	1300.0	2809.22	1.399	3.492	6.6211	12.540	35.748	6.648	1.039	1.659	.649
840.	1300.0	2878.87	1.398	3.491	6.6974	12.629	36.337	6.755	1.038	1.621	.649
860.	1300.0	2948.51	1.398	3.491	6.7737	12.717	36.926	6.863	1.037	1.585	.649
880.	1300.0	3018.16	1.398	3.490	6.8500	12.805	37.515	6.970	1.036	1.550	.648
900.	1300.0	3087.80	1.397	3.489	6.9263	12.893	38.104	7.078	1.035	1.517	.648
920.	1300.0	3157.53	1.397	3.488	6.9935	12.961	38.783	7.182	1.034	1.485	.646
940.	1300.0	3227.26	1.397	3.488	7.0607	13.029	39.461	7.285	1.034	1.454	.644
960.	1300.0	3296.98	1.397	3.487	7.1278	13.097	40.140	7.389	1.033	1.424	.642
980.	1300.0	3366.71	1.397	3.486	7.1950	13.165	40.818	7.493	1.033	1.396	.640
1000.	1300.0	3436.44	1.397	3.486	7.2622	13.234	41.497	7.597	1.032	1.369	.638
1050.	1300.0	3610.76	1.396	3.484	7.4301	13.404	43.193	7.856	1.031	1.306	.634
1100.	1300.0	3785.08	1.396	3.483	7.5980	13.574	44.890	8.115	1.029	1.248	.630
1150.	1300.0	3959.40	1.395	3.481	7.7659	13.744	46.586	8.374	1.028	1.196	.626
1200.	1300.0	4134.20	1.394	3.487	7.9127	13.881	47.462	8.649	1.027	1.147	.636
1250.	1300.0	4309.00	1.393	3.493	8.0594	14.017	48.337	8.925	1.026	1.102	.645
1300.	1300.0	4483.79	1.391	3.500	8.2061	14.154	49.213	9.200	1.025	1.061	.654
1350.	1300.0	4658.59	1.390	3.506	8.3528	14.291	50.088	9.475	1.024	1.023	.663
1400.	1300.0	4831.20	1.389	3.508	8.5100	14.453	50.913	9.779	1.022	.987	.682
1450.	1300.0	5009.02	1.388	3.518	8.6371	14.560	51.738	10.018	1.022	.954	.681
1500.	1300.0	5186.83	1.386	3.528	8.7642	14.666	53.164	10.257	1.021	.923	.681
1550.	1300.0	5364.64	1.385	3.538	8.8913	14.772	54.589	10.496	1.021	.893	.680
1600.	1300.0	5542.45	1.383	3.548	9.0184	14.878	56.015	10.735	1.020	.866	.680
1650.	1300.0	5720.26	1.382	3.558	9.1455	14.985	57.440	10.973	1.019	.840	.680
1700.	1300.0	5898.07	1.380	3.568	9.2726	15.091	58.865	11.212	1.019	.816	.680
1750.	1300.0	6075.89	1.379	3.578	9.3997	15.197	60.291	11.451	1.018	.793	.680
1800.	1300.0	6253.70	1.377	3.588	9.5268	15.303	61.716	11.690	1.017	.772	.680
1850.	1300.0	6431.51	1.376	3.598	9.6539	15.410	63.142	11.929	1.017	.751	.680
1900.	1300.0	6609.32	1.374	3.608	9.7810	15.516	64.567	12.167	1.016	.732	.680
1950.	1300.0	6787.13	1.372	3.618	9.9081	15.622	65.993	12.406	1.016	.713	.680
2000.	1300.0	6964.94	1.371	3.628	10.0352	15.729	67.418	12.645	1.015	.696	.681
2050.	1300.0	7150.49	1.369	3.643	10.1601	15.809	68.843	12.867	1.015	.679	.680
2100.	1300.0	7336.04	1.367	3.657	10.2849	15.889	70.268	13.089	1.014	.663	.679
2150.	1300.0	7521.58	1.365	3.672	10.3497	15.969	71.693	13.311	1.014	.648	.679
2200.	1300.0	7707.13	1.363	3.686	10.4545	16.049	73.118	13.533	1.014	.634	.679
2250.	1300.0	7892.68	1.361	3.700	10.5593	16.129	74.543	13.755	1.013	.620	.679
2300.	1300.0	8078.22	1.360	3.715	10.6641	16.210	76.515	13.977	1.013	.606	.679
2350.	1300.0	8263.77	1.358	3.729	10.7689	16.290	78.031	14.200	1.013	.594	.679
2400.	1300.0	8449.31	1.356	3.744	10.8737	16.370	79.547	14.422	1.012	.582	.679
2450.	1300.0	8634.85	1.354	3.758	10.9785	16.450	81.063	14.644	1.012	.570	.679
2500.	1300.0	8820.41	1.352	3.773	11.0834	16.530	82.579	14.866	1.012	.559	.679
2550.	1300.0	9005.95	1.350	3.787	11.1882	16.610	84.095	15.088	1.012	.548	.679
2600.	1300.0	9191.50	1.348	3.802	11.2930	16.691	85.611	15.310	1.011	.537	.680
2650.	1300.0	9385.60	1.346	3.816	11.3857	16.753	87.173	15.522	1.011	.527	.679
2700.	1300.0	9579.69	1.345	3.830	11.4784	16.825	88.735	15.734	1.011	.518	.679
2750.	1300.0	9773.79	1.343	3.844	11.5711	16.892	90.296	15.946	1.011	.508	.679

2800.	1300.0	9967.88	1.342	3.858	11.5637	16.953	91.858	16.158	1.010	.499	.679
2850.	1300.0	10161.98	1.340	3.872	11.7554	17.025	93.419	16.370	1.010	.491	.578
2900.	1300.0	10356.07	1.338	3.886	11.8491	17.092	94.981	16.581	1.010	.482	.678
2950.	1300.0	10550.17	1.337	3.900	11.9418	17.159	96.543	16.793	1.010	.474	.678
3000.	1300.0	10744.27	1.335	3.914	12.0345	17.226	98.104	17.005	1.010	.467	.678
3050.	1300.0	10938.36	1.334	3.928	12.1272	17.293	99.666	17.217	1.009	.459	.679
3100.	1300.0	11132.46	1.332	3.942	12.2199	17.360	101.228	17.429	1.009	.452	.679
3150.	1300.0	11326.55	1.330	3.955	12.3125	17.427	102.789	17.641	1.009	.445	.679
3200.	1300.0	11520.65	1.329	3.970	12.4052	17.494	104.351	17.853	1.009	.438	.679
3250.	1300.0	11724.05	1.327	3.986	12.4880	17.552	106.114	18.057	1.009	.431	.678
3300.	1300.0	11927.45	1.326	4.003	12.5707	17.610	107.876	18.261	1.009	.425	.678
3350.	1300.0	12130.85	1.324	4.019	12.6534	17.668	109.639	18.465	1.008	.418	.677
3400.	1300.0	12334.25	1.323	4.036	12.7361	17.726	111.402	18.669	1.008	.412	.676
3450.	1300.0	12537.65	1.321	4.052	12.8188	17.784	113.164	18.873	1.008	.406	.676
3500.	1300.0	12741.05	1.319	4.069	12.9015	17.841	114.927	19.077	1.008	.400	.675
3550.	1300.0	12944.45	1.318	4.085	12.9842	17.899	116.690	19.281	1.008	.395	.675
3600.	1300.0	13147.85	1.316	4.102	13.0669	17.957	118.452	19.485	1.008	.389	.675
3650.	1300.0	13351.25	1.315	4.118	13.1496	18.015	120.215	19.689	1.008	.384	.674
3700.	1300.0	13554.65	1.313	4.135	13.2323	18.073	121.978	19.893	1.008	.379	.674
3750.	1300.0	13758.05	1.312	4.151	13.3150	18.130	123.740	20.097	1.007	.374	.674
3800.	1300.0	13963.45	1.310	4.167	13.3957	18.186	125.511	20.299	1.007	.369	.674
3850.	1300.0	14175.82	1.309	4.191	13.4713	18.240	127.730	20.498	1.007	.364	.673
3900.	1300.0	14388.20	1.307	4.215	13.5469	18.293	129.949	20.698	1.007	.360	.671
3950.	1300.0	14600.57	1.305	4.238	13.6225	18.346	132.168	20.897	1.007	.355	.670
4000.	1300.0	14812.95	1.304	4.262	13.6980	18.400	134.387	21.097	1.007	.351	.669
4050.	1300.0	15025.32	1.302	4.285	13.7735	18.453	136.606	21.296	1.007	.346	.668
4100.	1300.0	15237.70	1.300	4.309	13.8492	18.507	138.825	21.496	1.007	.342	.667
4150.	1300.0	15450.07	1.298	4.333	13.9248	18.560	141.044	21.695	1.007	.338	.666
4200.	1300.0	15662.45	1.297	4.356	14.0003	18.613	143.263	21.895	1.007	.334	.666
4250.	1300.0	15886.89	1.295	4.393	14.0695	18.664	146.353	22.091	1.007	.330	.663
4300.	1300.0	16111.32	1.293	4.431	14.1386	18.715	149.442	22.287	1.007	.326	.661
4350.	1300.0	16335.76	1.291	4.468	14.2077	18.766	152.531	22.483	1.007	.323	.659
4400.	1300.0	16560.20	1.289	4.505	14.2768	18.818	155.621	22.679	1.007	.319	.657
4450.	1300.0	16784.64	1.287	4.543	14.3459	18.869	158.710	22.875	1.007	.315	.655
4500.	1300.0	17009.07	1.285	4.580	14.4151	18.920	161.799	23.071	1.007	.312	.653
4550.	1300.0	17233.51	1.282	4.617	14.4842	18.971	164.889	23.268	1.007	.308	.652
4600.	1300.0	17457.95	1.280	4.655	14.5533	19.022	167.978	23.464	1.007	.305	.650
4650.	1300.0	17702.51	1.278	4.714	14.6173	19.073	172.625	23.658	1.008	.302	.646
4700.	1300.0	17947.07	1.276	4.774	14.6814	19.123	177.272	23.852	1.008	.298	.642
4750.	1300.0	18191.64	1.274	4.834	14.7454	19.174	181.918	24.046	1.008	.295	.639
4800.	1300.0	18436.20	1.271	4.894	14.8094	19.225	186.565	24.240	1.008	.292	.636
4850.	1300.0	18680.76	1.269	4.953	14.8735	19.276	191.212	24.434	1.008	.289	.633
4900.	1300.0	18925.32	1.267	5.013	14.9375	19.327	195.859	24.628	1.009	.286	.630
4950.	1300.0	19169.89	1.265	5.073	15.0015	19.377	200.506	24.822	1.009	.283	.628
5000.	1300.0	19414.45	1.262	5.133	15.0655	19.428	205.152	25.016	1.009	.280	.626

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN)	FRANZL NUMBER R=9200
36.	1400.0	-69.18	1.376	1.832	5.7082	1.545	18.784	12.964	1.461	28.928	1.264
38.	1400.0	-65.36	1.407	1.916	5.6503	1.647	18.388	11.950	1.400	28.598	1.245
40.	1400.0	-61.54	1.437	2.000	5.5924	1.743	17.991	10.937	1.339	28.405	1.216
42.	1400.0	-57.38	1.470	2.083	5.5296	1.847	17.691	10.213	1.291	28.060	1.203
44.	1400.0	-53.21	1.504	2.165	5.4669	1.946	17.392	9.488	1.243	27.821	1.182
46.	1400.0	-48.72	1.539	2.249	5.4013	2.044	17.167	8.931	1.204	27.472	1.170
48.	1400.0	-44.23	1.575	2.333	5.3351	2.142	16.942	8.375	1.165	27.208	1.153
50.	1400.0	-39.40	1.614	2.416	5.2644	2.239	16.775	7.933	1.134	26.846	1.143
52.	1400.0	-34.56	1.653	2.503	5.1937	2.335	16.607	7.491	1.102	26.556	1.129
54.	1400.0	-29.39	1.695	2.588	5.1196	2.431	16.479	7.129	1.076	26.184	1.120
56.	1400.0	-24.22	1.736	2.673	5.0456	2.527	16.350	6.768	1.051	25.867	1.106
58.	1400.0	-18.71	1.781	2.758	4.9577	2.622	16.246	6.466	1.030	25.480	1.098
60.	1400.0	-13.20	1.825	2.844	4.8893	2.717	16.142	6.163	1.009	25.139	1.086
62.	1400.0	-7.33	1.872	2.931	4.8107	2.812	16.050	5.907	.992	24.733	1.079
64.	1400.0	-1.82	1.906	3.001	4.7456	2.901	15.972	5.648	.976	24.360	1.061
66.	1400.0	4.57	1.954	3.083	4.6681	2.994	15.887	5.447	.965	23.887	1.057
68.	1400.0	10.96	2.002	3.166	4.5905	3.087	15.802	5.245	.954	23.448	1.051
70.	1400.0	17.35	2.050	3.249	4.5131	3.180	15.717	5.043	.944	23.039	1.043
72.	1400.0	23.74	2.099	3.332	4.4355	3.273	15.632	4.842	.933	22.659	1.032
74.	1400.0	30.13	2.147	3.415	4.3581	3.366	15.547	4.640	.922	22.306	1.019
76.	1400.0	37.32	2.186	3.484	4.2887	3.458	15.455	4.500	.918	21.801	1.014
78.	1400.0	44.52	2.226	3.553	4.2192	3.549	15.363	4.360	.915	21.323	1.008
80.	1400.0	51.71	2.265	3.622	4.1493	3.640	15.271	4.220	.911	20.870	1.001
82.	1400.0	58.91	2.304	3.691	4.0803	3.731	15.179	4.080	.908	20.439	.992
84.	1400.0	66.10	2.343	3.760	4.0109	3.822	15.087	3.940	.904	20.029	.982
86.	1400.0	73.82	2.357	3.794	3.9590	3.909	14.997	3.844	.906	19.533	.973
88.	1400.0	81.53	2.370	3.829	3.9071	3.995	14.907	3.748	.907	19.059	.963
90.	1400.0	89.25	2.384	3.863	3.8553	4.082	14.817	3.652	.909	18.606	.952
92.	1400.0	96.96	2.397	3.898	3.8034	4.169	14.727	3.555	.910	18.173	.941
94.	1400.0	104.68	2.411	3.933	3.7515	4.256	14.637	3.459	.912	17.759	.929
96.	1400.0	112.57	2.402	3.930	3.7202	4.335	14.574	3.398	.916	17.312	.916
98.	1400.0	120.45	2.393	3.928	3.6888	4.415	14.511	3.336	.920	16.885	.903
100.	1400.0	128.34	2.384	3.926	3.6575	4.494	14.449	3.277	.924	16.475	.890
102.	1400.0	136.22	2.375	3.923	3.6261	4.574	14.386	3.216	.928	16.082	.877
104.	1400.0	145.81	2.369	3.914	3.5756	4.655	14.198	3.127	.936	15.631	.862
106.	1400.0	153.35	2.346	3.898	3.5672	4.748	14.211	3.105	.940	15.265	.852
108.	1400.0	160.89	2.323	3.881	3.5588	4.812	14.223	3.083	.945	14.913	.841
110.	1400.0	168.43	2.300	3.864	3.5505	4.876	14.236	3.061	.949	14.574	.831
112.	1400.0	175.97	2.277	3.847	3.5421	4.939	14.248	3.040	.954	14.249	.821
114.	1400.0	183.51	2.254	3.830	3.5337	5.003	14.261	3.018	.958	13.935	.811
116.	1400.0	191.05	2.231	3.814	3.5254	5.066	14.274	2.996	.962	13.633	.800
118.	1400.0	198.59	2.208	3.797	3.5170	5.130	14.286	2.974	.967	13.341	.790
120.	1400.0	206.13	2.185	3.780	3.5085	5.194	14.299	2.952	.971	13.060	.780
122.	1400.0	213.68	2.162	3.763	3.5003	5.257	14.312	2.930	.975	12.788	.771
124.	1400.0	221.22	2.139	3.747	3.4919	5.321	14.324	2.908	.980	12.526	.761
126.	1400.0	228.76	2.116	3.730	3.4836	5.385	14.337	2.887	.984	12.273	.751
128.	1400.0	236.30	2.093	3.713	3.4752	5.448	14.349	2.865	.988	12.028	.741
130.	1400.0	243.84	2.070	3.696	3.4668	5.512	14.362	2.843	.993	11.791	.732
132.	1400.0	251.38	2.046	3.679	3.4585	5.575	14.375	2.821	.997	11.561	.722
134.	1400.0	258.92	2.023	3.663	3.4501	5.639	14.387	2.799	1.002	11.339	.713
136.	1400.0	266.45	2.000	3.646	3.4417	5.703	14.400	2.777	1.006	11.124	.703
138.	1400.0	273.72	1.982	3.648	3.4453	5.750	14.490	2.781	1.008	10.935	.700
140.	1400.0	280.98	1.963	3.650	3.4489	5.798	14.580	2.785	1.011	10.752	.697
142.	1400.0	288.24	1.945	3.652	3.4525	5.846	14.670	2.788	1.013	10.575	.694
144.	1400.0	295.49	1.926	3.654	3.4561	5.893	14.760	2.792	1.016	10.402	.691
146.	1400.0	302.75	1.908	3.655	3.4597	5.941	14.850	2.795	1.018	10.234	.688
148.	1400.0	310.01	1.889	3.657	3.4633	5.989	14.940	2.799	1.021	10.071	.685
150.	1400.0	317.27	1.870	3.659	3.4669	6.036	15.030	2.803	1.023	9.912	.682

152.	1400.0	324.52	1.852	3.661	3.4705	6.084	15.120	2.806	1.026	9.758	.680
154.	1400.0	331.78	1.833	3.663	3.4741	6.131	15.210	2.810	1.028	9.608	.677
156.	1400.0	339.04	1.815	3.665	3.4777	6.179	15.300	2.814	1.031	9.462	.674
158.	1400.0	346.30	1.796	3.667	3.4813	6.227	15.390	2.817	1.033	9.319	.671
160.	1400.0	353.56	1.778	3.669	3.4849	6.274	15.480	2.821	1.036	9.180	.659
162.	1400.0	360.81	1.759	3.671	3.4885	6.322	15.570	2.824	1.039	9.045	.666
164.	1400.0	368.07	1.740	3.673	3.4921	6.370	15.660	2.828	1.041	8.913	.663
166.	1400.0	375.33	1.722	3.674	3.4957	6.417	15.750	2.832	1.044	8.785	.661
168.	1400.0	382.59	1.703	3.676	3.4993	6.465	15.840	2.835	1.046	8.659	.658
170.	1400.0	390.15	1.692	3.689	3.5064	6.507	15.961	2.845	1.047	8.547	.657
172.	1400.0	397.71	1.682	3.701	3.5134	6.548	16.082	2.854	1.049	8.437	.657
174.	1400.0	405.27	1.671	3.714	3.5205	6.590	16.203	2.864	1.050	8.330	.656
176.	1400.0	412.84	1.660	3.726	3.5276	6.632	16.323	2.873	1.051	8.225	.656
178.	1400.0	420.40	1.649	3.739	3.5346	6.673	16.444	2.883	1.052	8.123	.655
180.	1400.0	427.96	1.638	3.751	3.5417	6.715	16.565	2.892	1.054	8.023	.655
185.	1400.0	446.87	1.611	3.782	3.5593	6.819	16.867	2.916	1.057	7.782	.654
190.	1400.0	465.78	1.584	3.813	3.5770	6.923	17.169	2.940	1.060	7.554	.653
195.	1400.0	484.69	1.557	3.844	3.5946	7.027	17.472	2.964	1.063	7.338	.652
200.	1400.0	502.70	1.523	3.901	3.6089	7.143	17.970	2.995	1.067	7.128	.650
205.	1400.0	522.97	1.515	3.912	3.6365	7.230	18.212	3.024	1.068	6.951	.650
210.	1400.0	543.23	1.508	3.923	3.6641	7.313	18.454	3.053	1.069	6.782	.649
215.	1400.0	563.50	1.500	3.934	3.6917	7.395	18.696	3.083	1.069	6.621	.649
220.	1400.0	583.76	1.493	3.945	3.7193	7.478	18.938	3.112	1.070	6.467	.648
225.	1400.0	604.03	1.485	3.956	3.7469	7.560	19.180	3.141	1.070	6.320	.648
230.	1400.0	624.29	1.478	3.967	3.7745	7.642	19.422	3.171	1.071	6.179	.648
235.	1400.0	644.56	1.470	3.978	3.8022	7.725	19.664	3.200	1.071	6.045	.647
240.	1400.0	664.82	1.462	3.989	3.8298	7.807	19.906	3.230	1.072	5.916	.647
245.	1400.0	685.09	1.455	4.000	3.8574	7.890	20.148	3.259	1.072	5.792	.647
250.	1400.0	705.35	1.447	4.011	3.8850	7.972	20.390	3.288	1.073	5.674	.647
255.	1400.0	725.62	1.440	4.023	3.9125	8.055	20.632	3.318	1.073	5.560	.647
260.	1400.0	745.88	1.432	4.034	3.9402	8.137	20.874	3.347	1.074	5.450	.647
265.	1400.0	766.15	1.425	4.045	3.9678	8.219	21.116	3.376	1.074	5.344	.647
270.	1400.0	786.41	1.417	4.056	3.9955	8.302	21.358	3.406	1.075	5.243	.647
275.	1400.0	806.68	1.410	4.067	4.0231	8.384	21.600	3.435	1.076	5.145	.647
280.	1400.0	826.94	1.402	4.078	4.0507	8.467	21.842	3.464	1.076	5.051	.647
285.	1400.0	847.21	1.395	4.089	4.0783	8.549	22.084	3.494	1.077	4.959	.647
290.	1400.0	867.47	1.387	4.100	4.1059	8.632	22.326	3.523	1.077	4.871	.647
295.	1400.0	887.74	1.379	4.111	4.1335	8.714	22.568	3.552	1.078	4.787	.647
300.	1400.0	908.00	1.372	4.122	4.1611	8.796	22.810	3.582	1.078	4.704	.647
305.	1400.0	927.97	1.373	4.109	4.1912	8.853	22.898	3.615	1.078	4.629	.649
310.	1400.0	947.94	1.373	4.095	4.2212	8.909	22.986	3.648	1.077	4.556	.650
315.	1400.0	967.92	1.374	4.082	4.2513	8.965	23.074	3.681	1.077	4.486	.651
320.	1400.0	987.89	1.375	4.068	4.2813	9.022	23.161	3.714	1.077	4.417	.652
325.	1400.0	1007.86	1.375	4.055	4.3113	9.078	23.249	3.748	1.076	4.351	.654
330.	1400.0	1027.83	1.376	4.041	4.3414	9.134	23.337	3.781	1.076	4.287	.655
335.	1400.0	1047.80	1.377	4.028	4.3714	9.190	23.425	3.814	1.075	4.224	.655
340.	1400.0	1067.78	1.377	4.014	4.4015	9.247	23.512	3.847	1.075	4.164	.657
345.	1400.0	1087.75	1.378	4.001	4.4315	9.303	23.600	3.880	1.075	4.105	.658
350.	1400.0	1107.72	1.379	3.987	4.4615	9.359	23.688	3.914	1.074	4.048	.659
355.	1400.0	1127.69	1.379	3.974	4.4916	9.415	23.776	3.947	1.074	3.992	.660
360.	1400.0	1147.66	1.380	3.960	4.5216	9.472	23.864	3.980	1.073	3.938	.661
365.	1400.0	1167.64	1.381	3.947	4.5516	9.528	23.951	4.013	1.073	3.886	.661
370.	1400.0	1187.61	1.382	3.933	4.5817	9.584	24.039	4.046	1.072	3.835	.662
375.	1400.0	1207.58	1.382	3.920	4.6117	9.641	24.127	4.080	1.072	3.785	.663
380.	1400.0	1227.55	1.383	3.906	4.6418	9.697	24.215	4.113	1.072	3.737	.664
385.	1400.0	1247.52	1.384	3.893	4.6718	9.753	24.302	4.146	1.071	3.690	.664
390.	1400.0	1267.50	1.384	3.880	4.7018	9.810	24.390	4.179	1.071	3.644	.665
395.	1400.0	1287.47	1.385	3.866	4.7319	9.866	24.478	4.212	1.070	3.599	.665
400.	1400.0	1309.54	1.388	3.828	4.7782	9.952	24.778	4.256	1.070	3.555	.657
420.	1400.0	1382.50	1.389	3.801	4.8755	10.094	25.268	4.375	1.069	3.391	.658
440.	1400.0	1455.07	1.390	3.775	4.9723	10.235	25.758	4.493	1.067	3.241	.659
460.	1400.0	1527.83	1.391	3.749	5.0701	10.377	26.248	4.612	1.065	3.105	.659

480.	1400.0	1600.60	1.393	3.723	5.1673	10.518	26.738	4.730	1.064	2.980	.659
500.	1400.0	1673.36	1.394	3.697	5.2646	10.660	27.228	4.849	1.062	2.866	.658
520.	1400.0	1746.13	1.395	3.671	5.3619	10.801	27.718	4.967	1.060	2.760	.658
540.	1400.0	1818.89	1.396	3.645	5.4592	10.943	28.208	5.086	1.059	2.661	.657
560.	1400.0	1891.66	1.397	3.619	5.5565	11.084	28.698	5.204	1.057	2.570	.656
580.	1400.0	1964.42	1.398	3.593	5.6538	11.226	29.188	5.323	1.056	2.485	.655
600.	1400.0	2037.19	1.399	3.567	5.7510	11.368	29.678	5.441	1.054	2.406	.654
620.	1400.0	2109.95	1.401	3.541	5.8483	11.509	30.168	5.560	1.052	2.332	.653
640.	1400.0	2182.72	1.402	3.514	5.9456	11.651	30.658	5.678	1.051	2.263	.651
660.	1400.0	2255.49	1.402	3.501	6.0322	11.766	31.196	5.791	1.049	2.197	.650
680.	1400.0	2323.61	1.402	3.500	6.1083	11.854	31.781	5.899	1.049	2.134	.650
700.	1400.0	2393.28	1.401	3.499	6.1843	11.942	32.366	6.006	1.048	2.075	.649
720.	1400.0	2462.95	1.401	3.498	6.2603	12.030	32.951	6.114	1.047	2.020	.649
740.	1400.0	2532.62	1.400	3.497	6.3363	12.118	33.537	6.221	1.046	1.967	.649
760.	1400.0	2602.30	1.400	3.496	6.4123	12.207	34.122	6.329	1.045	1.917	.648
780.	1400.0	2671.97	1.400	3.495	6.4884	12.295	34.707	6.436	1.044	1.869	.648
800.	1400.0	2741.64	1.399	3.495	6.5644	12.383	35.292	6.544	1.043	1.824	.648
820.	1400.0	2811.31	1.399	3.494	6.6404	12.471	35.877	6.651	1.042	1.782	.648
840.	1400.0	2880.98	1.398	3.493	6.7164	12.560	36.462	6.759	1.041	1.741	.647
860.	1400.0	2950.66	1.398	3.492	6.7924	12.648	37.047	6.866	1.040	1.702	.647
880.	1400.0	3020.33	1.398	3.491	6.8684	12.736	37.633	6.973	1.039	1.665	.647
900.	1400.0	3090.00	1.397	3.490	6.9445	12.824	38.218	7.081	1.038	1.629	.647
920.	1400.0	3159.74	1.397	3.489	7.0115	12.892	38.835	7.185	1.037	1.595	.645
940.	1400.0	3229.49	1.397	3.489	7.0784	12.961	39.572	7.288	1.036	1.562	.643
960.	1400.0	3299.23	1.397	3.488	7.1454	13.029	40.249	7.392	1.036	1.530	.641
980.	1400.0	3368.98	1.397	3.487	7.2124	13.097	40.926	7.495	1.035	1.500	.639
1000.	1400.0	3438.72	1.397	3.487	7.2794	13.165	41.604	7.599	1.035	1.471	.637
1050.	1400.0	3613.08	1.396	3.485	7.4469	13.335	43.297	7.858	1.033	1.403	.633
1100.	1400.0	3787.44	1.396	3.483	7.6144	13.505	44.989	8.117	1.031	1.341	.628
1150.	1400.0	3961.80	1.395	3.482	7.7819	13.675	46.682	8.376	1.030	1.285	.625
1200.	1400.0	4136.62	1.394	3.488	7.9281	13.812	47.541	8.651	1.029	1.233	.635
1250.	1400.0	4311.45	1.393	3.494	8.0744	13.949	48.400	8.926	1.028	1.185	.644
1300.	1400.0	4486.27	1.391	3.500	8.2207	14.085	49.258	9.201	1.026	1.140	.654
1350.	1400.0	4661.10	1.390	3.506	8.3670	14.222	50.117	9.476	1.025	1.099	.663
1400.	1400.0	4833.74	1.389	3.508	8.5237	14.359	50.933	9.779	1.024	1.061	.682
1450.	1400.0	5011.56	1.388	3.518	8.6506	14.505	51.738	10.018	1.023	1.025	.681
1500.	1400.0	5189.38	1.386	3.528	8.7774	14.612	53.164	10.257	1.023	.992	.681
1550.	1400.0	5367.19	1.385	3.538	8.9043	14.718	54.589	10.496	1.022	.961	.680
1600.	1400.0	5545.01	1.383	3.548	9.0311	14.824	56.015	10.735	1.021	.931	.680
1650.	1400.0	5722.83	1.381	3.558	9.1580	14.931	57.440	10.973	1.021	.903	.680
1700.	1400.0	5900.65	1.380	3.568	9.2848	15.037	58.865	11.212	1.020	.877	.680
1750.	1400.0	6078.47	1.378	3.578	9.4117	15.143	60.291	11.451	1.019	.853	.680
1800.	1400.0	6256.29	1.377	3.588	9.5385	15.249	61.716	11.690	1.019	.830	.680
1850.	1400.0	6434.10	1.375	3.598	9.6654	15.356	63.142	11.929	1.018	.808	.680
1900.	1400.0	6611.92	1.374	3.608	9.7923	15.462	64.567	12.167	1.018	.787	.680
1950.	1400.0	6789.74	1.372	3.618	9.9191	15.568	65.993	12.406	1.017	.767	.680
2000.	1400.0	6967.55	1.371	3.628	10.0460	15.674	67.418	12.645	1.016	.749	.681
2050.	1400.0	7153.10	1.369	3.643	10.1507	15.755	68.934	12.867	1.016	.731	.680
2100.	1400.0	7338.65	1.367	3.657	10.2553	15.835	70.450	13.089	1.016	.714	.679
2150.	1400.0	7524.19	1.365	3.672	10.3600	15.915	71.966	13.311	1.015	.697	.679
2200.	1400.0	7709.74	1.363	3.686	10.4647	15.995	73.482	13.533	1.015	.682	.679
2250.	1400.0	7895.28	1.361	3.700	10.5693	16.075	74.999	13.755	1.014	.667	.679
2300.	1400.0	8080.83	1.359	3.715	10.6740	16.155	76.515	13.977	1.014	.652	.679
2350.	1400.0	8266.37	1.357	3.729	10.7787	16.236	78.031	14.200	1.014	.639	.679
2400.	1400.0	8451.92	1.356	3.744	10.8833	16.316	79.547	14.422	1.013	.626	.679
2450.	1400.0	8637.46	1.354	3.758	10.9880	16.396	81.063	14.644	1.013	.613	.679
2500.	1400.0	8823.01	1.352	3.773	11.0927	16.476	82.579	14.866	1.013	.601	.679
2550.	1400.0	9008.55	1.350	3.787	11.1973	16.556	84.095	15.088	1.012	.589	.679
2600.	1400.0	9194.10	1.348	3.801	11.3020	16.636	85.611	15.310	1.012	.578	.680
2650.	1400.0	9388.19	1.346	3.816	11.3946	16.703	87.172	15.522	1.012	.568	.679
2700.	1400.0	9582.28	1.345	3.830	11.4872	16.770	88.734	15.734	1.012	.557	.679
2750.	1400.0	9776.37	1.343	3.844	11.5797	16.837	90.295	15.946	1.011	.547	.679

2800.	1400.0	5970.47	1.342	3.858	11.5723	16.904	91.857	16.158	1.011	.537	.679
2850.	1400.0	10164.56	1.340	3.872	11.7649	16.971	93.418	16.370	1.011	.528	.673
2900.	1400.0	10358.65	1.338	3.886	11.9575	17.038	94.979	16.581	1.011	.519	.678
2950.	1400.0	10552.74	1.337	3.900	11.9501	17.105	96.541	16.793	1.011	.510	.678
3000.	1400.0	10746.83	1.335	3.914	12.0427	17.172	98.102	17.005	1.010	.502	.678
3050.	1400.0	10940.92	1.333	3.928	12.1352	17.239	99.664	17.217	1.010	.494	.679
3100.	1400.0	11135.02	1.332	3.942	12.2273	17.306	101.225	17.429	1.010	.486	.679
3150.	1400.0	11329.11	1.330	3.956	12.3204	17.373	102.787	17.641	1.010	.478	.679
3200.	1400.0	11523.20	1.329	3.970	12.4130	17.440	104.348	17.853	1.009	.471	.679
3250.	1400.0	11726.57	1.327	3.986	12.4957	17.498	106.106	18.057	1.009	.464	.678
3300.	1400.0	11929.93	1.326	4.002	12.5783	17.556	107.864	18.261	1.009	.457	.678
3350.	1400.0	12133.30	1.324	4.019	12.6610	17.614	109.622	18.465	1.009	.450	.677
3400.	1400.0	12336.67	1.322	4.035	12.7437	17.671	111.380	18.669	1.009	.444	.676
3450.	1400.0	12540.03	1.321	4.052	12.8263	17.729	113.138	18.873	1.009	.437	.676
3500.	1400.0	12743.40	1.319	4.068	12.9090	17.787	114.896	19.077	1.009	.431	.675
3550.	1400.0	12946.77	1.318	4.084	12.9917	17.845	116.654	19.281	1.009	.425	.675
3600.	1400.0	13150.13	1.316	4.101	13.0743	17.903	118.412	19.485	1.008	.419	.675
3650.	1400.0	13353.50	1.315	4.117	13.1570	17.961	120.170	19.689	1.008	.413	.675
3700.	1400.0	13556.87	1.313	4.133	13.2397	18.018	121.928	19.893	1.008	.408	.674
3750.	1400.0	13760.23	1.312	4.150	13.3223	18.076	123.686	20.097	1.008	.403	.674
3800.	1400.0	13965.60	1.310	4.166	13.4050	18.132	125.452	20.299	1.008	.397	.674
3850.	1400.0	14177.85	1.309	4.189	13.4785	18.185	127.655	20.498	1.008	.392	.673
3900.	1400.0	14390.10	1.307	4.213	13.5542	18.239	129.858	20.698	1.008	.387	.671
3950.	1400.0	14602.35	1.305	4.236	13.6293	18.292	132.062	20.897	1.008	.382	.670
4000.	1400.0	14814.60	1.304	4.259	13.7054	18.345	134.265	21.097	1.008	.378	.669
4050.	1400.0	15026.85	1.302	4.282	13.7810	18.399	136.468	21.296	1.008	.373	.668
4100.	1400.0	15239.10	1.300	4.306	13.8566	18.452	138.671	21.496	1.008	.368	.667
4150.	1400.0	15451.35	1.299	4.329	13.9322	18.505	140.875	21.695	1.007	.364	.667
4200.	1400.0	15663.60	1.297	4.352	14.0078	18.559	143.078	21.895	1.007	.360	.666
4250.	1400.0	15887.72	1.295	4.389	14.0770	18.610	146.131	22.091	1.007	.355	.663
4300.	1400.0	16111.85	1.293	4.426	14.1462	18.661	149.184	22.287	1.007	.351	.661
4350.	1400.0	16335.97	1.291	4.462	14.2154	18.712	152.238	22.483	1.008	.347	.659
4400.	1400.0	16560.10	1.289	4.499	14.2846	18.763	155.291	22.679	1.008	.343	.657
4450.	1400.0	16784.22	1.287	4.536	14.3538	18.814	158.344	22.875	1.008	.339	.655
4500.	1400.0	17008.35	1.285	4.572	14.4230	18.865	161.397	23.071	1.008	.336	.654
4550.	1400.0	17232.47	1.283	4.609	14.4922	18.916	164.451	23.267	1.008	.332	.652
4600.	1400.0	17456.60	1.281	4.646	14.5614	18.967	167.504	23.464	1.008	.328	.651
4650.	1400.0	17700.47	1.279	4.704	14.6255	19.017	172.078	23.658	1.008	.325	.647
4700.	1400.0	17944.35	1.276	4.763	14.6896	19.068	176.653	23.852	1.008	.321	.643
4750.	1400.0	18188.22	1.274	4.821	14.7538	19.119	181.227	24.046	1.008	.318	.640
4800.	1400.0	18432.10	1.272	4.880	14.8179	19.169	185.802	24.240	1.009	.314	.637
4850.	1400.0	18675.97	1.270	4.938	14.8820	19.220	190.376	24.434	1.009	.311	.634
4900.	1400.0	18919.85	1.267	4.997	14.9461	19.271	194.951	24.628	1.009	.308	.631
4950.	1400.0	19163.72	1.265	5.055	15.0103	19.321	199.525	24.822	1.009	.305	.629
5000.	1400.0	19407.60	1.263	5.114	15.0744	19.372	204.100	25.016	1.009	.301	.627

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY * (10)**4 (LB/CU.IN)	PRANDTL NUMBER R=9200
36.	1500.0	-66.07	1.367	1.816	5.7776	1.530	19.126	13.360	1.557	29.081	1.269
38.	1500.0	-62.29	1.396	1.899	5.7224	1.630	18.700	12.311	1.492	28.758	1.250
40.	1500.0	-58.50	1.425	1.982	5.6672	1.730	18.274	11.261	1.427	28.572	1.221
42.	1500.0	-54.38	1.457	2.063	5.6067	1.828	17.950	10.514	1.375	28.234	1.208
44.	1500.0	-50.25	1.489	2.143	5.5462	1.926	17.625	9.767	1.323	28.003	1.188
46.	1500.0	-45.81	1.523	2.224	5.4828	2.023	17.381	9.194	1.281	27.663	1.176
48.	1500.0	-41.37	1.557	2.305	5.4193	2.120	17.137	8.621	1.239	27.408	1.159
50.	1500.0	-36.60	1.594	2.387	5.3514	2.215	16.956	8.168	1.205	27.058	1.150
52.	1500.0	-31.83	1.630	2.469	5.2835	2.310	16.775	7.715	1.171	26.777	1.135
54.	1500.0	-26.73	1.669	2.550	5.2123	2.405	16.638	7.345	1.143	26.416	1.126
56.	1500.0	-21.64	1.708	2.631	5.1421	2.499	16.501	6.976	1.115	26.111	1.112
58.	1500.0	-16.22	1.750	2.713	5.0677	2.593	16.394	6.667	1.092	25.737	1.103
60.	1500.0	-10.80	1.791	2.795	4.9933	2.686	16.286	6.359	1.065	25.410	1.091
62.	1500.0	-5.04	1.834	2.876	4.9177	2.779	16.196	6.098	1.051	25.019	1.083
64.	1500.0	.30	1.861	2.935	4.8617	2.865	16.124	5.837	1.033	24.651	1.062
66.	1500.0	6.53	1.904	3.011	4.7882	2.955	16.047	5.633	1.021	24.198	1.057
68.	1500.0	12.75	1.948	3.087	4.7147	3.046	15.970	5.429	1.008	23.778	1.049
70.	1500.0	18.98	1.991	3.163	4.6411	3.137	15.893	5.224	.996	23.390	1.040
72.	1500.0	25.20	2.035	3.238	4.5675	3.227	15.816	5.020	.983	23.031	1.028
74.	1500.0	31.43	2.079	3.314	4.4941	3.318	15.739	4.816	.971	22.698	1.014
76.	1500.0	38.39	2.115	3.378	4.4273	3.406	15.659	4.674	.965	22.221	1.008
78.	1500.0	45.36	2.151	3.443	4.3598	3.495	15.579	4.532	.960	21.769	1.001
80.	1500.0	52.32	2.188	3.507	4.2927	3.583	15.499	4.390	.955	21.341	.993
82.	1500.0	59.29	2.224	3.571	4.2255	3.671	15.420	4.248	.950	20.935	.984
84.	1500.0	66.25	2.260	3.635	4.1583	3.759	15.340	4.106	.945	20.549	.973
86.	1500.0	73.73	2.276	3.672	4.1058	3.843	15.262	4.007	.944	20.078	.964
88.	1500.0	81.20	2.291	3.710	4.0533	3.927	15.183	3.908	.944	19.629	.955
90.	1500.0	88.67	2.307	3.747	4.0008	4.011	15.105	3.808	.944	19.199	.945
92.	1500.0	96.15	2.322	3.784	3.9483	4.095	15.027	3.709	.943	18.788	.934
94.	1500.0	103.62	2.338	3.821	3.8958	4.179	14.949	3.610	.943	18.395	.923
96.	1500.0	111.33	2.334	3.827	3.8615	4.257	14.892	3.545	.945	17.963	.911
98.	1500.0	119.03	2.329	3.833	3.8274	4.335	14.835	3.481	.948	17.550	.899
100.	1500.0	126.74	2.325	3.839	3.7933	4.412	14.778	3.416	.951	17.153	.887
102.	1500.0	134.44	2.321	3.845	3.7591	4.490	14.721	3.351	.953	16.772	.875
104.	1500.0	144.24	2.325	3.851	3.7011	4.605	14.516	3.254	.961	16.319	.863
106.	1500.0	151.74	2.305	3.839	3.6900	4.669	14.526	3.229	.964	15.951	.853
108.	1500.0	159.23	2.285	3.827	3.6789	4.732	14.536	3.204	.968	15.597	.844
110.	1500.0	166.73	2.265	3.814	3.6678	4.795	14.545	3.180	.971	15.257	.834
112.	1500.0	174.22	2.244	3.802	3.6567	4.858	14.555	3.155	.975	14.929	.824
114.	1500.0	181.72	2.224	3.790	3.6455	4.921	14.564	3.130	.979	14.613	.814
116.	1500.0	189.21	2.204	3.777	3.6345	4.985	14.574	3.105	.982	14.308	.805
118.	1500.0	196.70	2.183	3.765	3.6233	5.048	14.584	3.080	.986	14.014	.795
120.	1500.0	204.20	2.163	3.753	3.6122	5.111	14.593	3.055	.990	13.731	.786
122.	1500.0	211.69	2.143	3.741	3.6011	5.174	14.603	3.030	.993	13.457	.776
124.	1500.0	219.19	2.123	3.728	3.5900	5.237	14.612	3.005	.997	13.192	.767
126.	1500.0	226.68	2.102	3.716	3.5789	5.301	14.622	2.980	1.000	12.935	.757
128.	1500.0	234.17	2.082	3.704	3.5678	5.364	14.632	2.955	1.004	12.688	.748
130.	1500.0	241.67	2.062	3.692	3.5566	5.427	14.641	2.930	1.008	12.448	.739
132.	1500.0	249.16	2.041	3.679	3.5455	5.490	14.651	2.905	1.011	12.215	.730
134.	1500.0	256.66	2.021	3.667	3.5344	5.553	14.660	2.880	1.015	11.990	.721
136.	1500.0	264.15	2.001	3.655	3.5233	5.617	14.670	2.855	1.018	11.772	.711
138.	1500.0	271.44	1.983	3.658	3.5253	5.665	14.756	2.856	1.021	11.575	.708
140.	1500.0	278.73	1.964	3.660	3.5274	5.712	14.842	2.860	1.023	11.384	.705
142.	1500.0	286.03	1.946	3.663	3.5294	5.760	14.928	2.862	1.025	11.198	.702
144.	1500.0	293.32	1.928	3.665	3.5315	5.808	15.014	2.864	1.028	11.018	.699
146.	1500.0	300.61	1.910	3.668	3.5335	5.856	15.101	2.866	1.030	10.842	.696
148.	1500.0	307.90	1.891	3.671	3.5356	5.904	15.167	2.868	1.032	10.672	.693
150.	1500.0	315.20	1.873	3.673	3.5376	5.952	15.273	2.870	1.035	10.506	.690

152.	1500.0	322.49	1.855	3.676	3.5397	6.000	15.359	2.872	1.037	10.345	.637
154.	1500.0	329.78	1.837	3.679	3.5417	6.048	15.445	2.874	1.039	10.188	.635
156.	1500.0	337.07	1.818	3.681	3.5438	6.096	15.531	2.876	1.042	10.035	.632
158.	1500.0	344.37	1.800	3.684	3.5458	6.143	15.617	2.878	1.044	9.886	.679
160.	1500.0	351.66	1.782	3.686	3.5479	6.191	15.703	2.880	1.046	9.740	.676
162.	1500.0	358.95	1.764	3.689	3.5499	6.239	15.790	2.883	1.049	9.599	.673
164.	1500.0	366.24	1.745	3.692	3.5520	6.287	15.876	2.885	1.051	9.461	.671
166.	1500.0	373.54	1.727	3.694	3.5540	6.335	15.962	2.887	1.053	9.326	.668
168.	1500.0	380.83	1.709	3.697	3.5560	6.383	16.048	2.889	1.055	9.195	.665
170.	1500.0	388.43	1.698	3.709	3.5623	6.425	16.169	2.897	1.057	9.076	.665
172.	1500.0	396.03	1.687	3.722	3.5686	6.467	16.289	2.906	1.058	8.961	.664
174.	1500.0	403.64	1.676	3.734	3.5749	6.508	16.410	2.915	1.059	8.847	.663
176.	1500.0	411.24	1.665	3.746	3.5811	6.550	16.530	2.923	1.060	8.737	.663
178.	1500.0	418.84	1.654	3.759	3.5874	6.592	16.651	2.932	1.062	8.629	.662
180.	1500.0	426.44	1.644	3.771	3.5937	6.634	16.771	2.941	1.063	8.523	.661
185.	1500.0	445.45	1.616	3.802	3.6094	6.739	17.073	2.962	1.066	8.269	.660
190.	1500.0	464.45	1.589	3.833	3.6250	6.843	17.374	2.984	1.069	8.028	.658
195.	1500.0	483.46	1.562	3.863	3.6407	6.948	17.676	3.006	1.072	7.800	.657
200.	1500.0	501.61	1.527	3.919	3.6527	7.069	18.176	3.034	1.076	7.578	.654
205.	1500.0	521.94	1.520	3.930	3.6797	7.152	18.421	3.062	1.076	7.391	.653
210.	1500.0	542.27	1.512	3.940	3.7067	7.235	18.665	3.091	1.077	7.212	.652
215.	1500.0	562.61	1.504	3.951	3.7336	7.317	18.909	3.119	1.077	7.041	.652
220.	1500.0	582.94	1.497	3.961	3.7606	7.400	19.153	3.147	1.077	6.878	.651
225.	1500.0	603.27	1.489	3.972	3.7876	7.483	19.397	3.175	1.078	6.722	.650
230.	1500.0	623.60	1.481	3.983	3.8146	7.566	19.642	3.204	1.078	6.574	.650
235.	1500.0	643.93	1.474	3.993	3.8416	7.648	19.886	3.232	1.079	6.431	.649
240.	1500.0	664.27	1.466	4.004	3.8685	7.731	20.130	3.260	1.079	6.294	.648
245.	1500.0	684.60	1.458	4.014	3.8955	7.814	20.374	3.289	1.080	6.163	.648
250.	1500.0	704.93	1.451	4.025	3.9225	7.896	20.618	3.317	1.080	6.038	.647
255.	1500.0	725.26	1.443	4.036	3.9495	7.979	20.863	3.345	1.081	5.917	.647
260.	1500.0	745.59	1.435	4.046	3.9765	8.062	21.107	3.373	1.081	5.801	.647
265.	1500.0	765.93	1.428	4.057	4.0035	8.144	21.351	3.402	1.082	5.689	.646
270.	1500.0	786.26	1.420	4.067	4.0305	8.227	21.595	3.430	1.082	5.581	.646
275.	1500.0	806.59	1.412	4.078	4.0574	8.310	21.839	3.458	1.082	5.477	.646
280.	1500.0	826.92	1.405	4.089	4.0844	8.393	22.084	3.486	1.083	5.377	.645
285.	1500.0	847.25	1.397	4.099	4.1114	8.475	22.328	3.515	1.083	5.281	.645
290.	1500.0	867.59	1.389	4.110	4.1384	8.553	22.572	3.543	1.084	5.188	.645
295.	1500.0	887.92	1.382	4.120	4.1654	8.641	22.816	3.571	1.084	5.098	.645
300.	1500.0	908.25	1.374	4.131	4.1923	8.723	23.060	3.599	1.085	5.011	.645
305.	1500.0	928.25	1.375	4.117	4.2222	8.780	23.147	3.632	1.084	4.931	.646
310.	1500.0	948.26	1.375	4.104	4.2521	8.835	23.234	3.665	1.084	4.853	.647
315.	1500.0	968.26	1.376	4.090	4.2820	8.893	23.321	3.698	1.083	4.778	.649
320.	1500.0	988.27	1.377	4.076	4.3119	8.949	23.408	3.731	1.083	4.706	.650
325.	1500.0	1008.27	1.377	4.063	4.3418	9.005	23.495	3.764	1.082	4.635	.651
330.	1500.0	1028.28	1.378	4.049	4.3716	9.062	23.582	3.797	1.082	4.567	.652
335.	1500.0	1048.28	1.379	4.035	4.4015	9.118	23.669	3.829	1.081	4.501	.653
340.	1500.0	1068.29	1.379	4.022	4.4314	9.174	23.755	3.862	1.081	4.436	.654
345.	1500.0	1088.29	1.380	4.008	4.4613	9.231	23.842	3.895	1.080	4.374	.655
350.	1500.0	1108.30	1.381	3.994	4.4912	9.287	23.929	3.928	1.080	4.313	.656
355.	1500.0	1128.30	1.381	3.981	4.5211	9.344	24.016	3.961	1.080	4.254	.657
360.	1500.0	1148.31	1.382	3.967	4.5509	9.400	24.103	3.994	1.079	4.197	.657
365.	1500.0	1168.31	1.383	3.953	4.5803	9.455	24.190	4.026	1.079	4.141	.658
370.	1500.0	1188.32	1.383	3.940	4.6107	9.513	24.277	4.059	1.078	4.087	.659
375.	1500.0	1208.32	1.384	3.926	4.6406	9.569	24.364	4.092	1.078	4.034	.659
380.	1500.0	1228.33	1.384	3.912	4.6705	9.626	24.450	4.125	1.077	3.983	.660
385.	1500.0	1248.33	1.385	3.899	4.7004	9.682	24.537	4.158	1.077	3.933	.661
390.	1500.0	1268.34	1.386	3.885	4.7302	9.738	24.624	4.191	1.076	3.884	.661
395.	1500.0	1288.34	1.386	3.871	4.7601	9.795	24.711	4.224	1.076	3.837	.662
400.	1500.0	1310.45	1.389	3.833	4.8065	9.881	25.010	4.267	1.076	3.790	.654
420.	1500.0	1383.29	1.391	3.806	4.9032	10.023	25.495	4.385	1.074	3.615	.655
440.	1500.0	1455.13	1.392	3.780	5.0003	10.164	25.979	4.503	1.072	3.457	.655
460.	1500.0	1528.97	1.393	3.754	5.0967	10.306	26.464	4.621	1.070	3.312	.655

480.	1500.0	1601.81	1.394	3.727	5.1935	10.443	26.948	4.734	1.065	3.179	.655
500.	1500.0	1674.65	1.395	3.701	5.2902	10.589	27.433	4.857	1.067	3.057	.655
520.	1500.0	1747.49	1.396	3.675	5.3870	10.731	27.917	4.975	1.065	2.944	.655
540.	1500.0	1820.33	1.397	3.648	5.4837	10.873	28.402	5.093	1.063	2.840	.654
560.	1500.0	1893.17	1.398	3.622	5.5805	11.014	28.886	5.211	1.061	2.743	.653
580.	1500.0	1966.01	1.399	3.595	5.6772	11.156	29.371	5.329	1.060	2.653	.652
600.	1500.0	2038.85	1.400	3.569	5.7740	11.298	29.855	5.447	1.058	2.569	.651
620.	1500.0	2111.69	1.401	3.543	5.8707	11.439	30.340	5.565	1.056	2.490	.650
640.	1500.0	2184.53	1.402	3.516	5.9675	11.581	30.824	5.683	1.054	2.416	.648
660.	1500.0	2255.80	1.402	3.503	6.0537	11.690	31.357	5.796	1.053	2.346	.647
680.	1500.0	2325.50	1.402	3.502	6.1295	11.784	31.938	5.903	1.052	2.279	.647
700.	1500.0	2395.20	1.402	3.501	6.2052	11.873	32.519	6.011	1.051	2.216	.647
720.	1500.0	2464.90	1.401	3.500	6.2809	11.961	33.101	6.118	1.050	2.157	.647
740.	1500.0	2534.60	1.401	3.499	6.3567	12.049	33.682	6.225	1.049	2.101	.647
760.	1500.0	2604.30	1.400	3.498	6.4324	12.138	34.263	6.333	1.048	2.048	.646
780.	1500.0	2674.00	1.400	3.497	6.5082	12.226	34.844	6.440	1.047	1.997	.646
800.	1500.0	2743.70	1.399	3.496	6.5839	12.314	35.425	6.547	1.046	1.949	.646
820.	1500.0	2813.40	1.399	3.495	6.6596	12.402	36.007	6.655	1.045	1.903	.646
840.	1500.0	2883.10	1.399	3.494	6.7354	12.491	36.588	6.762	1.044	1.860	.646
860.	1500.0	2952.80	1.398	3.493	6.8111	12.579	37.169	6.869	1.043	1.819	.646
880.	1500.0	3022.50	1.398	3.492	6.8869	12.667	37.750	6.976	1.041	1.779	.645
900.	1500.0	3092.20	1.397	3.491	6.9626	12.755	38.331	7.084	1.040	1.741	.645
920.	1500.0	3161.96	1.397	3.490	7.0294	12.824	39.007	7.187	1.040	1.704	.643
940.	1500.0	3231.72	1.397	3.490	7.0952	12.892	39.683	7.291	1.039	1.669	.641
960.	1500.0	3301.48	1.397	3.489	7.1630	12.960	40.359	7.394	1.038	1.636	.639
980.	1500.0	3371.24	1.397	3.488	7.2298	13.028	41.035	7.498	1.038	1.603	.637
1000.	1500.0	3441.00	1.397	3.487	7.2966	13.096	41.710	7.602	1.037	1.572	.636
1050.	1500.0	3615.40	1.396	3.486	7.4637	13.266	43.400	7.861	1.035	1.500	.631
1100.	1500.0	3789.80	1.396	3.484	7.6307	13.436	45.089	8.120	1.034	1.434	.627
1150.	1500.0	3964.20	1.395	3.482	7.7977	13.606	46.778	8.378	1.032	1.374	.624
1200.	1500.0	4139.05	1.394	3.488	7.9646	13.743	47.620	8.653	1.031	1.318	.634
1250.	1500.0	4313.90	1.393	3.494	8.0895	13.880	48.462	8.927	1.030	1.267	.644
1300.	1500.0	4488.75	1.391	3.500	8.2353	14.017	49.303	9.202	1.028	1.220	.653
1350.	1500.0	4663.60	1.390	3.506	8.3812	14.154	50.145	9.476	1.027	1.176	.663
1400.	1500.0	4838.27	1.389	3.508	8.5374	14.345	50.987	9.775	1.026	1.135	.682
1450.	1500.0	5014.10	1.387	3.518	8.6640	14.451	51.738	10.018	1.025	1.097	.681
1500.	1500.0	5191.92	1.386	3.528	8.7905	14.558	53.164	10.257	1.024	1.061	.681
1550.	1500.0	5369.75	1.384	3.538	8.9172	14.664	54.589	10.496	1.024	1.028	.680
1600.	1500.0	5547.57	1.383	3.548	9.0438	14.770	56.015	10.735	1.023	.996	.680
1650.	1500.0	5725.40	1.381	3.558	9.1704	14.875	57.440	10.973	1.022	.967	.680
1700.	1500.0	5903.22	1.380	3.568	9.2971	14.983	58.865	11.212	1.022	.939	.680
1750.	1500.0	6081.05	1.378	3.578	9.4237	15.089	60.291	11.451	1.021	.913	.680
1800.	1500.0	6258.87	1.377	3.588	9.5503	15.195	61.716	11.690	1.020	.888	.680
1850.	1500.0	6436.70	1.375	3.598	9.6769	15.301	63.142	11.929	1.019	.865	.680
1900.	1500.0	6614.52	1.374	3.608	9.8035	15.408	64.567	12.167	1.019	.842	.680
1950.	1500.0	6792.35	1.372	3.618	9.9301	15.514	65.993	12.406	1.018	.821	.680
2000.	1500.0	6970.17	1.371	3.628	10.0567	15.620	67.418	12.645	1.017	.801	.681
2050.	1500.0	7155.72	1.369	3.643	10.1613	15.700	68.834	12.887	1.017	.782	.680
2100.	1500.0	7341.26	1.367	3.657	10.2658	15.781	70.450	13.089	1.017	.764	.679
2150.	1500.0	7526.81	1.365	3.672	10.3703	15.861	71.966	13.31	1.016	.746	.679
2200.	1500.0	7712.35	1.363	3.686	10.4748	15.941	73.482	13.533	1.016	.730	.679
2250.	1500.0	7897.89	1.361	3.700	10.5794	16.021	74.998	13.755	1.015	.714	.679
2300.	1500.0	8083.44	1.359	3.715	10.6839	16.101	76.514	13.977	1.015	.698	.679
2350.	1500.0	8268.98	1.357	3.729	10.7884	16.181	78.031	14.200	1.015	.684	.679
2400.	1500.0	8454.52	1.355	3.744	10.8929	16.262	79.547	14.422	1.014	.670	.679
2450.	1500.0	8640.07	1.354	3.758	10.9974	16.342	81.063	14.644	1.014	.656	.679
2500.	1500.0	8825.61	1.352	3.773	11.1020	16.422	82.579	14.865	1.014	.643	.679
2550.	1500.0	9011.16	1.350	3.787	11.2065	16.502	84.095	15.083	1.013	.631	.679
2600.	1500.0	9196.70	1.348	3.801	11.3110	16.582	85.611	15.310	1.013	.619	.680
2650.	1500.0	9390.79	1.346	3.815	11.4035	16.649	87.127	15.522	1.013	.608	.679
2700.	1500.0	9584.87	1.345	3.829	11.4960	16.715	88.733	15.734	1.012	.596	.679
2750.	1500.0	9778.96	1.343	3.843	11.5884	16.783	90.294	15.945	1.012	.586	.679

2800.	1500.0	9973.05	1.341	3.857	11.6809	16.350	91.855	16.158	1.012	.575	.679
2850.	1500.0	10167.14	1.340	3.872	11.7734	16.917	93.417	16.370	1.012	.565	.678
2900.	1500.0	10361.22	1.338	3.886	11.8659	16.984	94.978	16.581	1.012	.556	.678
2950.	1500.0	10555.31	1.337	3.900	11.9584	17.051	96.539	16.793	1.011	.547	.678
3000.	1500.0	10749.40	1.335	3.914	12.0508	17.118	98.100	17.005	1.011	.538	.678
3050.	1500.0	10943.49	1.333	3.928	12.1433	17.185	99.661	17.217	1.011	.529	.679
3100.	1500.0	11137.57	1.332	3.942	12.2358	17.252	101.223	17.429	1.011	.520	.679
3150.	1500.0	11331.66	1.330	3.956	12.3283	17.319	102.784	17.641	1.010	.512	.679
3200.	1500.0	11525.75	1.328	3.970	12.4207	17.386	104.345	17.853	1.010	.504	.679
3250.	1500.0	11729.08	1.327	3.986	12.5034	17.444	106.098	18.057	1.010	.497	.678
3300.	1500.0	11932.42	1.325	4.002	12.5860	17.502	107.852	18.261	1.010	.489	.678
3350.	1500.0	12135.75	1.324	4.018	12.6686	17.559	109.605	18.465	1.010	.482	.677
3400.	1500.0	12339.08	1.322	4.035	12.7512	17.617	111.358	18.669	1.010	.475	.676
3450.	1500.0	12542.42	1.321	4.051	12.8339	17.675	113.112	18.873	1.009	.468	.676
3500.	1500.0	12745.75	1.319	4.067	12.9165	17.733	114.865	19.077	1.009	.462	.675
3550.	1500.0	12949.08	1.318	4.083	12.9991	17.791	116.618	19.281	1.009	.455	.675
3600.	1500.0	13152.42	1.316	4.100	13.0817	17.848	118.372	19.485	1.009	.449	.675
3650.	1500.0	13355.75	1.315	4.116	13.1644	17.906	120.125	19.689	1.009	.443	.675
3700.	1500.0	13559.08	1.313	4.132	13.2470	17.964	121.878	19.893	1.009	.437	.674
3750.	1500.0	13762.42	1.312	4.148	13.3296	18.022	123.632	20.097	1.009	.431	.674
3800.	1500.0	13967.75	1.310	4.165	13.4102	18.078	125.392	20.299	1.008	.425	.674
3850.	1500.0	14179.88	1.309	4.188	13.4859	18.131	127.580	20.498	1.008	.420	.673
3900.	1500.0	14392.00	1.307	4.211	13.5615	18.184	129.767	20.698	1.008	.415	.672
3950.	1500.0	14604.13	1.305	4.233	13.6371	18.238	131.955	20.897	1.008	.409	.670
4000.	1500.0	14816.25	1.304	4.256	13.7127	18.291	134.142	21.097	1.008	.404	.669
4050.	1500.0	15028.38	1.302	4.279	13.7884	18.344	136.330	21.296	1.008	.399	.668
4100.	1500.0	15240.50	1.300	4.302	13.8640	18.398	138.517	21.496	1.008	.395	.668
4150.	1500.0	15452.63	1.299	4.325	13.9396	18.451	140.705	21.695	1.008	.390	.667
4200.	1500.0	15664.75	1.297	4.348	14.0152	18.504	142.892	21.895	1.008	.385	.666
4250.	1500.0	15888.56	1.295	4.384	14.0845	18.555	145.010	22.091	1.008	.381	.664
4300.	1500.0	16112.38	1.293	4.420	14.1538	18.606	148.927	22.287	1.008	.376	.662
4350.	1500.0	16336.19	1.291	4.456	14.2231	18.657	151.944	22.483	1.008	.372	.659
4400.	1500.0	16560.00	1.289	4.492	14.2924	18.708	154.961	22.679	1.008	.368	.657
4450.	1500.0	16783.81	1.287	4.528	14.3617	18.759	157.978	22.875	1.008	.363	.656
4500.	1500.0	17007.63	1.285	4.564	14.4309	18.810	160.996	23.071	1.008	.359	.654
4550.	1500.0	17231.44	1.283	4.600	14.5002	18.861	164.013	23.267	1.008	.355	.653
4600.	1500.0	17455.25	1.281	4.636	14.5695	18.911	167.030	23.463	1.008	.352	.651
4650.	1500.0	17698.44	1.279	4.694	14.6337	18.962	171.532	23.657	1.008	.348	.647
4700.	1500.0	17941.63	1.277	4.751	14.6979	19.013	176.034	23.851	1.009	.344	.644
4750.	1500.0	18184.81	1.275	4.808	14.7622	19.063	180.537	24.045	1.009	.340	.640
4800.	1500.0	18428.00	1.272	4.866	14.8264	19.114	185.039	24.239	1.009	.337	.637
4850.	1500.0	18671.19	1.270	4.923	14.8906	19.164	189.541	24.433	1.009	.333	.635
4900.	1500.0	18914.38	1.268	4.981	14.9548	19.215	194.043	24.627	1.009	.330	.632
4950.	1500.0	19157.56	1.266	5.038	15.0190	19.265	198.545	24.821	1.010	.326	.630
5000.	1500.0	19400.75	1.264	5.095	15.0832	19.316	203.047	25.015	1.010	.323	.628

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP. DENSITY	PRANDTL	
(DEG.R)	(PSIA)	(BTU/LB)	HEAT RATIO CP/CV	CAPACITY (BTU/ LB-DEG.R)	OF SOUND *(10)**-4 (IN/SEC)	(BTU/ LB-DEG.R)	* (10)**7 (BTU/ IN-SEC-DEG.R)	* (10)**7 (LB/IN-SEC)	FACTOR *(10)**4 PV/RT (LB/CU.IN)	NUMBER	
									R=9200		
36.	2000.0	-50.52	1.319	1.739	6.1247	1.447	20.837	15.340	2.038	29.632	1.280
38.	2000.0	-46.91	1.342	1.814	6.0828	1.542	20.264	14.112	1.950	29.332	1.263
40.	2000.0	-43.29	1.366	1.889	6.0413	1.638	19.692	12.885	1.863	29.174	1.236
42.	2000.0	-39.37	1.390	1.959	5.9919	1.731	19.243	12.022	1.753	28.861	1.224
44.	2000.0	-35.45	1.414	2.029	5.9429	1.824	18.795	11.159	1.724	28.660	1.204
46.	2000.0	-31.27	1.439	2.095	5.8917	1.916	18.454	10.506	1.667	28.351	1.194
48.	2000.0	-27.08	1.464	2.164	5.8436	2.007	18.113	9.854	1.610	28.130	1.177
50.	2000.0	-22.62	1.490	2.231	5.7856	2.095	17.863	9.344	1.563	27.817	1.167
52.	2000.0	-18.16	1.516	2.298	5.7327	2.185	17.614	8.834	1.516	27.577	1.153
54.	2000.0	-13.44	1.542	2.362	5.6788	2.273	17.436	8.423	1.477	27.259	1.141
56.	2000.0	-8.71	1.569	2.425	5.6250	2.360	17.258	8.013	1.438	27.001	1.126
58.	2000.0	-3.74	1.595	2.486	5.5573	2.446	17.134	7.674	1.405	26.679	1.113
60.	2000.0	1.23	1.621	2.547	5.5108	2.532	17.011	7.335	1.372	26.406	1.098
62.	2000.0	6.44	1.647	2.603	5.4530	2.616	16.926	7.051	1.345	26.076	1.085
64.	2000.0	11.91	1.691	2.688	5.3649	2.710	16.853	6.743	1.312	25.888	1.076
66.	2000.0	17.53	1.719	2.741	5.3066	2.792	16.791	6.522	1.291	25.504	1.065
68.	2000.0	23.16	1.747	2.794	5.2484	2.874	16.730	6.301	1.271	25.154	1.052
70.	2000.0	28.79	1.775	2.847	5.1901	2.956	16.669	6.080	1.250	24.838	1.038
72.	2000.0	34.42	1.803	2.900	5.1318	3.038	16.608	5.859	1.230	24.552	1.023
74.	2000.0	40.04	1.831	2.952	5.0735	3.120	16.546	5.638	1.209	24.295	1.006
76.	2000.0	46.19	1.856	3.000	5.0161	3.198	16.507	5.484	1.196	23.907	.997
78.	2000.0	52.33	1.882	3.047	4.9587	3.276	16.467	5.331	1.184	23.545	.986
80.	2000.0	58.47	1.907	3.094	4.9013	3.354	16.427	5.177	1.171	23.206	.975
82.	2000.0	64.62	1.933	3.141	4.8439	3.432	16.387	5.023	1.158	22.890	.963
84.	2000.0	70.76	1.958	3.188	4.7865	3.509	16.348	4.870	1.145	22.593	.950
86.	2000.0	77.35	1.978	3.230	4.7342	3.583	16.312	4.757	1.138	22.215	.942
88.	2000.0	83.93	1.997	3.273	4.6818	3.658	16.277	4.644	1.130	21.856	.934
90.	2000.0	90.52	2.017	3.316	4.6294	3.732	16.242	4.532	1.123	21.515	.925
92.	2000.0	97.10	2.036	3.358	4.5771	3.806	16.206	4.419	1.115	21.191	.916
94.	2000.0	103.68	2.056	3.401	4.5247	3.880	16.171	4.306	1.107	20.882	.906
96.	2000.0	110.67	2.067	3.433	4.4824	3.950	16.140	4.226	1.104	20.517	.898
98.	2000.0	117.65	2.077	3.460	4.4401	4.021	16.110	4.145	1.100	20.167	.890
100.	2000.0	124.64	2.088	3.490	4.3977	4.091	16.079	4.065	1.096	19.831	.882
102.	2000.0	131.62	2.099	3.519	4.3554	4.161	16.049	3.984	1.092	19.509	.874
104.	2000.0	136.44	2.106	3.534	4.3290	4.209	16.109	3.891	1.083	19.292	.854
106.	2000.0	143.70	2.100	3.545	4.3041	4.270	16.103	3.851	1.083	18.931	.848
108.	2000.0	150.96	2.094	3.555	4.2793	4.331	16.098	3.811	1.083	18.583	.842
110.	2000.0	158.22	2.087	3.565	4.2544	4.392	16.092	3.770	1.083	18.248	.835
112.	2000.0	165.47	2.081	3.576	4.2295	4.453	16.087	3.730	1.083	17.925	.829
114.	2000.0	172.73	2.074	3.586	4.2047	4.515	16.081	3.690	1.083	17.613	.823
116.	2000.0	179.99	2.068	3.596	4.1793	4.576	16.076	3.649	1.083	17.312	.816
118.	2000.0	187.25	2.061	3.607	4.1550	4.637	16.070	3.609	1.082	17.021	.810
120.	2000.0	194.51	2.055	3.617	4.1301	4.698	16.065	3.569	1.082	16.740	.803
122.	2000.0	201.77	2.049	3.627	4.1052	4.759	16.059	3.528	1.082	16.468	.797
124.	2000.0	209.03	2.042	3.638	4.0804	4.820	16.054	3.488	1.082	16.205	.790
126.	2000.0	216.29	2.036	3.648	4.0555	4.881	16.048	3.448	1.082	15.950	.784
128.	2000.0	223.54	2.029	3.658	4.0306	4.942	16.043	3.407	1.082	15.703	.777
130.	2000.0	230.80	2.023	3.669	4.0058	5.004	16.037	3.367	1.081	15.464	.770
132.	2000.0	238.06	2.016	3.679	3.9809	5.065	16.032	3.327	1.081	15.232	.763
134.	2000.0	245.32	2.010	3.689	3.9561	5.126	16.026	3.286	1.081	15.007	.757
136.	2000.0	252.58	2.004	3.700	3.9312	5.187	16.021	3.246	1.081	14.788	.750
138.	2000.0	260.05	1.987	3.706	3.9255	5.236	16.088	3.240	1.082	14.556	.746
140.	2000.0	267.51	1.970	3.712	3.9193	5.285	16.154	3.235	1.084	14.330	.743
142.	2000.0	274.98	1.954	3.719	3.9140	5.334	16.221	3.229	1.085	14.111	.740
144.	2000.0	282.45	1.937	3.725	3.9083	5.383	16.288	3.224	1.086	13.897	.737
146.	2000.0	289.91	1.920	3.731	3.9026	5.432	16.354	3.218	1.088	13.690	.734
148.	2000.0	297.38	1.903	3.737	3.8969	5.481	16.421	3.212	1.089	13.488	.731
150.	2000.0	304.85	1.887	3.744	3.8912	5.531	16.488	3.207	1.090	13.292	.728

152.	2000.0	312.31	1.870	3.750	3.8854	5.580	16.554	3.201	1.092	13.101	.725
154.	2000.0	313.78	1.853	3.755	3.3797	5.529	15.621	3.196	1.093	12.915	.722
156.	2000.0	327.25	1.837	3.762	3.8740	5.678	15.688	3.190	1.094	12.733	.719
158.	2000.0	334.72	1.820	3.769	3.3683	5.727	16.755	3.184	1.096	12.557	.716
160.	2000.0	342.18	1.803	3.775	3.8626	5.775	15.821	3.179	1.097	12.384	.713
162.	2000.0	349.65	1.787	3.781	3.8559	5.825	16.888	3.173	1.098	12.217	.710
164.	2000.0	357.12	1.770	3.787	3.8511	5.874	16.955	3.168	1.100	12.053	.708
166.	2000.0	364.58	1.753	3.794	3.8454	5.923	17.021	3.162	1.101	11.893	.705
168.	2000.0	372.05	1.737	3.800	3.8397	5.972	17.088	3.156	1.102	11.737	.702
170.	2000.0	379.85	1.725	3.811	3.8420	6.015	17.207	3.161	1.103	11.590	.700
172.	2000.0	387.65	1.714	3.823	3.8444	6.053	17.326	3.165	1.104	11.446	.698
174.	2000.0	395.44	1.703	3.835	3.8467	6.101	17.445	3.169	1.105	11.305	.697
176.	2000.0	403.24	1.692	3.847	3.8490	6.144	17.564	3.174	1.106	11.168	.695
178.	2000.0	411.04	1.681	3.858	3.8514	6.187	17.683	3.178	1.107	11.033	.693
180.	2000.0	418.84	1.669	3.870	3.8537	6.230	17.802	3.182	1.108	10.902	.692
185.	2000.0	438.33	1.641	3.899	3.8596	6.337	18.100	3.193	1.110	10.586	.688
190.	2000.0	457.83	1.613	3.928	3.8654	6.444	18.398	3.204	1.112	10.287	.684
195.	2000.0	477.32	1.585	3.958	3.8713	6.551	18.695	3.215	1.114	10.004	.681
200.	2000.0	496.14	1.549	4.010	3.8713	6.676	19.208	3.231	1.117	9.731	.675
205.	2000.0	516.81	1.541	4.018	3.8957	6.760	19.463	3.254	1.117	9.494	.672
210.	2000.0	537.48	1.533	4.026	3.9195	5.845	19.718	3.277	1.117	9.268	.669
215.	2000.0	558.14	1.525	4.035	3.9434	6.929	19.974	3.300	1.117	9.052	.667
220.	2000.0	578.81	1.517	4.043	3.9672	7.013	20.229	3.323	1.117	8.847	.664
225.	2000.0	599.48	1.508	4.051	3.9910	7.097	20.484	3.346	1.117	8.650	.662
230.	2000.0	620.15	1.500	4.060	4.0148	7.181	20.739	3.368	1.117	8.462	.659
235.	2000.0	640.82	1.492	4.068	4.0387	7.265	20.994	3.391	1.117	8.283	.657
240.	2000.0	661.48	1.484	4.076	4.0625	7.349	21.250	3.414	1.117	8.110	.655
245.	2000.0	682.15	1.475	4.084	4.0863	7.433	21.505	3.437	1.117	7.945	.653
250.	2000.0	702.82	1.467	4.093	4.1101	7.517	21.760	3.460	1.117	7.786	.651
255.	2000.0	723.49	1.459	4.101	4.1340	7.601	22.015	3.483	1.117	7.633	.649
260.	2000.0	744.16	1.451	4.109	4.1578	7.686	22.270	3.505	1.117	7.487	.647
265.	2000.0	764.82	1.442	4.118	4.1816	7.770	22.526	3.528	1.117	7.345	.645
270.	2000.0	785.49	1.434	4.126	4.2054	7.854	22.781	3.551	1.117	7.210	.643
275.	2000.0	806.16	1.426	4.134	4.2293	7.938	23.036	3.574	1.117	7.079	.641
280.	2000.0	826.83	1.418	4.143	4.2531	8.022	23.291	3.597	1.117	6.952	.640
285.	2000.0	847.50	1.410	4.151	4.2769	8.106	23.546	3.620	1.117	6.830	.638
290.	2000.0	868.16	1.401	4.159	4.3007	8.190	23.802	3.643	1.117	6.713	.637
295.	2000.0	888.83	1.393	4.167	4.3246	8.274	24.057	3.665	1.117	6.599	.635
300.	2000.0	909.50	1.385	4.176	4.3484	8.358	24.312	3.688	1.117	6.489	.633
305.	2000.0	929.67	1.385	4.161	4.3775	8.415	24.394	3.719	1.116	6.387	.634
310.	2000.0	949.84	1.386	4.146	4.4066	8.472	24.477	3.750	1.115	6.288	.635
315.	2000.0	970.01	1.386	4.132	4.4357	8.529	24.559	3.782	1.115	6.192	.636
320.	2000.0	990.18	1.387	4.117	4.4648	8.586	24.641	3.813	1.114	6.099	.637
325.	2000.0	1010.35	1.387	4.103	4.4939	8.642	24.724	3.844	1.113	6.009	.638
330.	2000.0	1030.52	1.388	4.088	4.5230	8.699	24.806	3.875	1.112	5.922	.639
335.	2000.0	1050.69	1.388	4.073	4.5521	8.756	24.888	3.906	1.112	5.837	.639
340.	2000.0	1070.86	1.389	4.059	4.5812	8.813	24.971	3.937	1.111	5.755	.640
345.	2000.0	1091.03	1.389	4.044	4.6103	8.870	25.053	3.968	1.110	5.676	.641
350.	2000.0	1111.20	1.389	4.030	4.6394	8.927	25.135	3.999	1.109	5.598	.641
355.	2000.0	1131.37	1.390	4.015	4.6685	8.984	25.218	4.030	1.109	5.523	.642
360.	2000.0	1151.54	1.390	4.000	4.6976	9.040	25.300	4.061	1.108	5.450	.642
365.	2000.0	1171.71	1.391	3.986	4.7267	9.097	25.383	4.093	1.107	5.379	.643
370.	2000.0	1191.88	1.391	3.971	4.7558	9.154	25.465	4.124	1.107	5.309	.643
375.	2000.0	1212.05	1.392	3.956	4.7849	9.211	25.547	4.155	1.106	5.242	.643
380.	2000.0	1232.22	1.392	3.942	4.8140	9.268	25.630	4.186	1.105	5.176	.644
385.	2000.0	1252.39	1.393	3.927	4.8431	9.325	25.712	4.217	1.104	5.112	.644
390.	2000.0	1272.56	1.393	3.913	4.8722	9.381	25.794	4.248	1.104	5.050	.644
395.	2000.0	1292.73	1.394	3.898	4.9013	9.438	25.877	4.279	1.103	4.990	.645
400.	2000.0	1315.00	1.397	3.858	4.9479	9.525	26.173	4.320	1.102	4.930	.637
420.	2000.0	1388.22	1.397	3.830	5.0420	9.667	26.630	4.436	1.100	4.706	.638
440.	2000.0	1461.43	1.398	3.803	5.1361	9.810	27.086	4.552	1.097	4.502	.639
460.	2000.0	1534.65	1.399	3.775	5.2301	9.952	27.543	4.667	1.095	4.316	.640

480.	2000.0	1607.86	1.399	3.747	5.3242	10.094	28.000	4.783	1.092	4.146	.640
500.	2000.0	1681.08	1.400	3.720	5.4183	10.237	28.457	4.898	1.090	3.989	.640
520.	2000.0	1754.30	1.400	3.692	5.5124	10.379	28.913	5.014	1.088	3.844	.640
540.	2000.0	1827.51	1.401	3.665	5.6065	10.522	29.370	5.130	1.085	3.710	.640
560.	2000.0	1900.73	1.401	3.637	5.7005	10.664	29.827	5.245	1.083	3.566	.640
580.	2000.0	1973.94	1.402	3.609	5.7946	10.807	30.283	5.361	1.080	3.470	.639
600.	2000.0	2047.16	1.403	3.582	5.8887	10.949	30.740	5.476	1.078	3.362	.638
620.	2000.0	2120.38	1.403	3.554	5.9828	11.091	31.197	5.592	1.075	3.261	.637
640.	2000.0	2193.59	1.404	3.527	6.0769	11.234	31.654	5.708	1.073	3.167	.636
660.	2000.0	2266.12	1.404	3.512	6.1611	11.349	32.163	5.819	1.071	3.076	.635
680.	2000.0	2334.96	1.403	3.511	6.2354	11.438	32.724	5.925	1.069	2.990	.636
700.	2000.0	2404.80	1.403	3.509	6.3098	11.526	33.286	6.032	1.068	2.908	.636
720.	2000.0	2474.64	1.402	3.508	6.3841	11.615	33.847	6.139	1.066	2.831	.636
740.	2000.0	2544.48	1.402	3.507	6.4585	11.703	34.408	6.245	1.065	2.758	.636
760.	2000.0	2614.32	1.401	3.505	6.5328	11.792	34.970	6.352	1.064	2.689	.637
780.	2000.0	2684.16	1.401	3.504	6.6072	11.880	35.531	6.458	1.062	2.624	.637
800.	2000.0	2754.00	1.400	3.503	6.6815	11.969	36.093	6.565	1.061	2.562	.637
820.	2000.0	2823.84	1.400	3.501	6.7559	12.057	36.654	6.672	1.059	2.502	.637
840.	2000.0	2893.68	1.399	3.500	6.8302	12.146	37.216	6.778	1.058	2.446	.637
860.	2000.0	2963.52	1.398	3.499	6.9046	12.234	37.777	6.885	1.057	2.392	.638
880.	2000.0	3033.36	1.398	3.497	6.9789	12.323	38.339	6.991	1.055	2.341	.638
900.	2000.0	3103.20	1.397	3.496	7.0533	12.411	38.900	7.098	1.054	2.292	.638
920.	2000.0	3173.04	1.397	3.495	7.1192	12.479	39.569	7.201	1.053	2.244	.636
940.	2000.0	3242.88	1.397	3.494	7.1851	12.547	40.237	7.305	1.052	2.198	.634
960.	2000.0	3312.72	1.397	3.493	7.2510	12.615	40.906	7.408	1.051	2.154	.633
980.	2000.0	3382.56	1.397	3.492	7.3169	12.684	41.575	7.511	1.050	2.112	.631
1000.	2000.0	3452.40	1.396	3.491	7.3823	12.752	42.244	7.615	1.049	2.072	.629
1050.	2000.0	3627.00	1.396	3.489	7.5475	12.922	43.915	7.873	1.047	1.977	.626
1100.	2000.0	3801.60	1.395	3.487	7.7123	13.093	45.587	8.131	1.045	1.891	.622
1150.	2000.0	3976.20	1.395	3.485	7.8770	13.263	47.259	8.389	1.043	1.813	.619
1200.	2000.0	4151.18	1.394	3.491	8.0208	13.400	48.016	8.662	1.041	1.740	.630
1250.	2000.0	4326.16	1.392	3.496	8.1646	13.537	48.773	8.934	1.035	1.673	.640
1300.	2000.0	4501.14	1.391	3.502	8.3084	13.674	49.529	9.207	1.038	1.611	.651
1350.	2000.0	4676.12	1.389	3.508	8.4522	13.811	50.286	9.479	1.036	1.554	.661
1400.	2000.0	4848.95	1.388	3.510	8.6057	14.074	50.312	9.779	1.034	1.501	.682
1450.	2000.0	5026.81	1.387	3.519	8.7311	14.180	51.738	10.018	1.033	1.451	.681
1500.	2000.0	5204.67	1.385	3.529	8.8565	14.287	53.163	10.257	1.032	1.404	.681
1550.	2000.0	5382.52	1.384	3.539	8.9819	14.393	54.589	10.496	1.031	1.360	.680
1600.	2000.0	5560.38	1.382	3.549	9.1073	14.499	56.014	10.735	1.031	1.318	.680
1650.	2000.0	5738.24	1.380	3.559	9.2327	14.605	57.440	10.973	1.030	1.280	.680
1700.	2000.0	5916.10	1.379	3.569	9.3581	14.712	58.865	11.212	1.029	1.243	.680
1750.	2000.0	6093.96	1.377	3.579	9.4835	14.818	60.291	11.451	1.028	1.209	.680
1800.	2000.0	6271.82	1.376	3.589	9.6089	14.924	61.716	11.690	1.027	1.176	.680
1850.	2000.0	6449.67	1.374	3.599	9.7343	15.031	63.142	11.929	1.026	1.145	.680
1900.	2000.0	6627.53	1.373	3.609	9.8597	15.137	64.567	12.167	1.025	1.116	.680
1950.	2000.0	6805.39	1.371	3.618	9.9851	15.243	65.993	12.406	1.024	1.089	.680
2000.	2000.0	6983.25	1.370	3.628	10.1105	15.349	67.418	12.645	1.023	1.062	.681
2050.	2000.0	7168.79	1.368	3.643	10.2143	15.430	68.934	12.867	1.023	1.037	.680
2100.	2000.0	7354.32	1.366	3.657	10.3181	15.510	70.450	13.089	1.022	1.013	.679
2150.	2000.0	7539.86	1.364	3.672	10.4219	15.590	71.966	13.311	1.022	.990	.679
2200.	2000.0	7725.40	1.362	3.686	10.5257	15.670	73.482	13.533	1.021	.968	.679
2250.	2000.0	7910.94	1.360	3.700	10.6295	15.750	74.998	13.755	1.021	.947	.679
2300.	2000.0	8096.47	1.358	3.715	10.7332	15.830	76.514	13.977	1.020	.927	.679
2350.	2000.0	8282.01	1.357	3.729	10.8370	15.911	78.030	14.200	1.020	.907	.679
2400.	2000.0	8467.55	1.355	3.744	10.9408	15.991	79.546	14.422	1.019	.889	.679
2450.	2000.0	8653.09	1.353	3.758	11.0445	16.071	81.062	14.644	1.019	.871	.679
2500.	2000.0	8838.62	1.351	3.772	11.1484	16.151	82.578	14.866	1.018	.854	.679
2550.	2000.0	9024.16	1.349	3.787	11.2522	16.231	84.094	15.088	1.018	.838	.679
2600.	2000.0	9209.70	1.347	3.801	11.3559	16.311	85.609	15.310	1.017	.822	.680
2650.	2000.0	9403.77	1.346	3.815	11.4482	16.378	87.170	15.522	1.017	.807	.679
2700.	2000.0	9597.83	1.344	3.829	11.5395	16.445	88.730	15.734	1.017	.792	.679
2750.	2000.0	9791.90	1.342	3.843	11.6315	16.512	90.290	15.946	1.016	.778	.679

2800.	2000.0	9585.97	1.341	3.857	11.7238	16.579	91.850	16.158	1.016	.764	.679
2850.	2000.0	10180.03	1.339	3.871	11.8158	16.646	93.410	16.370	1.016	.751	.678
2900.	2000.0	10374.10	1.338	3.885	11.9077	16.713	94.970	16.581	1.015	.738	.678
2950.	2000.0	10568.17	1.336	3.899	11.9997	16.780	96.530	16.793	1.015	.726	.678
3000.	2000.0	10762.23	1.334	3.913	12.0917	16.847	98.090	17.005	1.015	.714	.678
3050.	2000.0	10956.30	1.333	3.927	12.1836	16.914	99.650	17.217	1.014	.703	.678
3100.	2000.0	11150.37	1.331	3.941	12.2756	16.981	101.210	17.429	1.014	.692	.679
3150.	2000.0	11344.43	1.330	3.955	12.3675	17.048	102.770	17.641	1.014	.681	.679
3200.	2000.0	11538.50	1.328	3.969	12.4595	17.115	104.330	17.853	1.013	.670	.679
3250.	2000.0	11741.67	1.327	3.985	12.5419	17.173	106.060	18.057	1.013	.660	.678
3300.	2000.0	11944.83	1.325	4.000	12.6243	17.231	107.790	18.261	1.013	.650	.678
3350.	2000.0	12148.00	1.324	4.016	12.7067	17.288	109.520	18.465	1.013	.641	.677
3400.	2000.0	12351.17	1.322	4.032	12.7892	17.346	111.250	18.669	1.013	.631	.677
3450.	2000.0	12554.33	1.321	4.047	12.8715	17.404	112.980	18.873	1.013	.622	.676
3500.	2000.0	12757.50	1.319	4.063	12.9540	17.462	114.710	19.077	1.012	.614	.676
3550.	2000.0	12960.67	1.318	4.079	13.0364	17.520	116.440	19.281	1.012	.605	.675
3600.	2000.0	13163.83	1.316	4.095	13.1188	17.577	118.170	19.485	1.012	.597	.675
3650.	2000.0	13367.00	1.315	4.110	13.2012	17.635	119.900	19.689	1.012	.589	.675
3700.	2000.0	13570.17	1.313	4.126	13.2837	17.693	121.630	19.893	1.012	.581	.675
3750.	2000.0	13773.33	1.312	4.142	13.3661	17.751	123.360	20.097	1.011	.573	.675
3800.	2000.0	13978.50	1.310	4.157	13.4485	17.809	125.095	20.299	1.011	.566	.675
3850.	2000.0	14190.00	1.309	4.179	13.5222	17.860	127.204	20.498	1.011	.558	.673
3900.	2000.0	14401.50	1.307	4.200	13.5980	17.913	129.312	20.698	1.011	.551	.672
3950.	2000.0	14613.00	1.306	4.222	13.6737	17.966	131.421	20.897	1.011	.544	.671
4000.	2000.0	14824.50	1.304	4.243	13.7495	18.019	133.530	21.097	1.011	.538	.670
4050.	2000.0	15036.00	1.302	4.264	13.8252	18.072	135.639	21.296	1.011	.531	.670
4100.	2000.0	15247.50	1.301	4.286	13.9010	18.125	137.747	21.496	1.010	.525	.669
4150.	2000.0	15459.00	1.299	4.307	13.9767	18.178	139.856	21.695	1.010	.518	.668
4200.	2000.0	15670.50	1.298	4.329	14.0525	18.231	141.965	21.894	1.010	.512	.668
4250.	2000.0	15892.75	1.296	4.361	14.1222	18.282	144.802	22.091	1.010	.506	.665
4300.	2000.0	16115.00	1.294	4.394	14.1919	18.333	147.639	22.287	1.010	.500	.663
4350.	2000.0	16337.25	1.292	4.427	14.2616	18.383	150.476	22.483	1.010	.495	.661
4400.	2000.0	16559.50	1.290	4.460	14.3312	18.434	153.312	22.679	1.010	.489	.660
4450.	2000.0	16781.75	1.288	4.492	14.4009	18.484	156.149	22.875	1.010	.484	.658
4500.	2000.0	17004.00	1.287	4.525	14.4706	18.535	158.986	23.071	1.010	.478	.657
4550.	2000.0	17226.25	1.285	4.558	14.5403	18.585	161.823	23.267	1.010	.473	.655
4600.	2000.0	17448.50	1.283	4.591	14.6100	18.636	164.660	23.463	1.010	.468	.654
4650.	2000.0	17688.25	1.281	4.642	14.6747	18.686	168.801	23.657	1.010	.463	.651
4700.	2000.0	17928.00	1.279	4.693	14.7394	18.736	172.941	23.851	1.010	.458	.647
4750.	2000.0	18167.75	1.277	4.745	14.8041	18.785	177.082	24.044	1.011	.453	.644
4800.	2000.0	18407.50	1.275	4.796	14.8687	18.835	181.222	24.238	1.011	.448	.641
4850.	2000.0	18647.25	1.273	4.848	14.9334	18.885	185.363	24.432	1.011	.443	.639
4900.	2000.0	18887.00	1.271	4.899	14.9981	18.935	189.504	24.626	1.011	.439	.637
4950.	2000.0	19126.75	1.268	4.950	15.0628	18.985	193.644	24.820	1.011	.434	.634
5000.	2000.0	19366.50	1.266	5.002	15.1275	19.034	197.785	25.013	1.011	.430	.633

TEMP.	PRESS.	ENTHALPY	SPECIFIC	CP-HEAT	VELOCITY	ENTROPY	CONDUCTIVITY	VISCOSITY	COMP.	DENSITY	FRANDTL
(DEG.R)	(PSIA)	(BTU/LB)	HEAT	CAPACITY	OF SOUND				FACTOR	*(10)**4	NUMBER
			RATIO	(BTU/	*(10)**-4	(BTU/	*(10)**7	*(10)**7			
			CP/CV	LB-DEG.R)	(IN/SEC)	LB-DEG.R)	(BTU/	(LB/IN-SEC)	PV/RT	(LB/CU.IN)	
							IN-SEC-DEG.R)		R=9200		
36.	2500.0	-35.07	1.295	1.693	6.4346	1.386	23.684	17.497	2.484	30.385	1.251
38.	2500.0	-31.55	1.316	1.765	6.3621	1.479	22.865	16.036	2.376	30.099	1.238
40.	2500.0	-28.04	1.336	1.838	6.3195	1.572	22.046	14.574	2.267	29.962	1.215
42.	2500.0	-24.22	1.358	1.905	6.2774	1.663	21.396	13.570	2.181	29.670	1.208
44.	2500.0	-20.41	1.379	1.972	6.2353	1.753	20.747	12.565	2.094	29.494	1.194
46.	2500.0	-16.34	1.401	2.036	6.1888	1.842	20.238	11.816	2.023	29.207	1.189
48.	2500.0	-12.28	1.423	2.099	6.1422	1.930	19.729	11.067	1.951	29.014	1.178
50.	2500.0	-7.96	1.446	2.162	6.0948	2.017	19.335	10.489	1.892	28.727	1.173
52.	2500.0	-3.64	1.468	2.224	6.0474	2.103	18.942	9.911	1.833	28.516	1.164
54.	2500.0	.93	1.491	2.284	5.9979	2.188	18.646	9.449	1.783	28.226	1.157
56.	2500.0	5.50	1.515	2.344	5.9483	2.272	18.351	8.988	1.733	27.999	1.148
58.	2500.0	10.30	1.538	2.401	5.8977	2.355	18.133	8.609	1.691	27.706	1.140
60.	2500.0	15.10	1.561	2.458	5.8470	2.438	17.916	8.231	1.649	27.467	1.129
62.	2500.0	20.12	1.584	2.511	5.7958	2.519	17.761	7.916	1.613	27.168	1.119
64.	2500.0	25.05	1.606	2.566	5.7525	2.598	17.540	7.590	1.578	26.907	1.110
66.	2500.0	30.41	1.630	2.613	5.7024	2.676	17.458	7.348	1.550	26.557	1.100
68.	2500.0	35.76	1.653	2.660	5.6523	2.754	17.376	7.105	1.523	26.244	1.088
70.	2500.0	41.11	1.676	2.707	5.6021	2.832	17.294	6.862	1.495	25.966	1.074
72.	2500.0	46.47	1.700	2.754	5.5523	2.910	17.212	6.619	1.467	25.721	1.059
74.	2500.0	51.82	1.723	2.801	5.5019	2.988	17.130	6.376	1.440	25.506	1.043
76.	2500.0	57.63	1.743	2.842	5.4518	3.062	17.099	6.208	1.421	25.159	1.032
78.	2500.0	63.44	1.764	2.883	5.4016	3.135	17.068	6.040	1.403	24.837	1.020
80.	2500.0	69.25	1.785	2.924	5.3515	3.209	17.037	5.872	1.384	24.540	1.008
82.	2500.0	75.06	1.805	2.965	5.3013	3.282	17.006	5.704	1.366	24.266	.994
84.	2500.0	80.87	1.826	3.006	5.2512	3.356	16.975	5.536	1.347	24.013	.980
86.	2500.0	87.05	1.841	3.042	5.2038	3.425	16.957	5.412	1.335	23.677	.971
88.	2500.0	93.24	1.856	3.077	5.1565	3.495	16.940	5.288	1.322	23.361	.961
90.	2500.0	99.43	1.871	3.113	5.1091	3.565	16.923	5.164	1.309	23.062	.950
92.	2500.0	105.61	1.887	3.149	5.0618	3.634	16.906	5.040	1.297	22.781	.939
94.	2500.0	111.80	1.902	3.185	5.0144	3.704	16.888	4.917	1.284	22.516	.927
96.	2500.0	118.33	1.911	3.213	4.9732	3.770	16.881	4.826	1.276	22.191	.918
98.	2500.0	124.87	1.921	3.240	4.9319	3.836	16.873	4.735	1.267	21.881	.909
100.	2500.0	131.41	1.931	3.267	4.8906	3.901	16.865	4.644	1.259	21.585	.900
102.	2500.0	137.95	1.941	3.295	4.8494	3.967	16.857	4.553	1.251	21.302	.890
104.	2500.0	144.39	1.975	3.350	4.7797	4.043	16.805	4.428	1.236	21.113	.883
106.	2500.0	151.34	1.972	3.365	4.7521	4.102	16.817	4.378	1.234	20.773	.876
108.	2500.0	158.28	1.969	3.380	4.7245	4.160	16.828	4.329	1.231	20.445	.869
110.	2500.0	165.23	1.966	3.395	4.6969	4.219	16.840	4.279	1.227	20.130	.863
112.	2500.0	172.18	1.963	3.410	4.6692	4.277	16.851	4.230	1.224	19.826	.856
114.	2500.0	179.13	1.959	3.425	4.6416	4.336	16.863	4.180	1.220	19.534	.849
116.	2500.0	186.07	1.956	3.440	4.6140	4.394	16.875	4.131	1.217	19.251	.842
118.	2500.0	193.02	1.953	3.455	4.5864	4.453	16.886	4.081	1.213	18.979	.835
120.	2500.0	199.97	1.950	3.470	4.5588	4.511	16.898	4.032	1.210	18.716	.828
122.	2500.0	206.91	1.947	3.485	4.5312	4.570	16.909	3.982	1.206	18.462	.821
124.	2500.0	213.86	1.944	3.500	4.5036	4.628	16.921	3.933	1.203	18.216	.813
126.	2500.0	220.81	1.941	3.515	4.4760	4.687	16.933	3.883	1.200	17.979	.806
128.	2500.0	227.76	1.938	3.530	4.4483	4.745	16.944	3.833	1.196	17.749	.799
130.	2500.0	234.70	1.935	3.545	4.4207	4.804	16.956	3.784	1.193	17.526	.791
132.	2500.0	241.65	1.931	3.560	4.3931	4.862	16.967	3.734	1.189	17.311	.784
134.	2500.0	248.60	1.928	3.575	4.3655	4.921	16.979	3.685	1.186	17.102	.776
136.	2500.0	255.55	1.925	3.591	4.3379	4.979	16.990	3.635	1.182	16.900	.768
138.	2500.0	262.89	1.912	3.602	4.3267	5.028	17.057	3.623	1.182	16.662	.765
140.	2500.0	270.24	1.899	3.614	4.3155	5.076	17.123	3.610	1.181	16.431	.762
142.	2500.0	277.58	1.886	3.626	4.3043	5.124	17.189	3.598	1.181	16.206	.759
144.	2500.0	284.93	1.873	3.638	4.2931	5.172	17.255	3.585	1.180	15.988	.756
146.	2500.0	292.27	1.860	3.649	4.2819	5.221	17.322	3.572	1.180	15.775	.753
148.	2500.0	299.62	1.846	3.661	4.2707	5.269	17.388	3.560	1.179	15.568	.750
150.	2500.0	306.97	1.833	3.673	4.2595	5.317	17.454	3.547	1.179	15.367	.746

152.	2500.0	314.31	1.820	3.685	4.2483	5.366	17.520	3.535	1.178	15.171	.743
154.	2500.0	321.66	1.807	3.696	4.2372	5.414	17.587	3.522	1.176	14.981	.740
156.	2500.0	329.00	1.794	3.708	4.2260	5.462	17.553	3.510	1.177	14.795	.737
158.	2500.0	336.35	1.781	3.720	4.2143	5.511	17.719	3.497	1.177	14.614	.734
160.	2500.0	343.70	1.768	3.732	4.2030	5.559	17.785	3.484	1.176	14.437	.731
162.	2500.0	351.04	1.755	3.743	4.1924	5.607	17.852	3.472	1.176	14.265	.728
164.	2500.0	358.39	1.742	3.755	4.1812	5.655	17.918	3.459	1.175	14.096	.725
166.	2500.0	365.73	1.729	3.767	4.1700	5.704	17.984	3.447	1.175	13.932	.722
168.	2500.0	373.08	1.715	3.779	4.1588	5.752	18.050	3.434	1.174	13.772	.719
170.	2500.0	380.88	1.705	3.793	4.1566	5.795	18.159	3.434	1.174	13.612	.717
172.	2500.0	388.68	1.695	3.807	4.1544	5.838	18.267	3.434	1.174	13.455	.716
174.	2500.0	396.49	1.685	3.822	4.1522	5.881	18.376	3.434	1.174	13.301	.714
176.	2500.0	404.29	1.675	3.836	4.1500	5.924	18.484	3.435	1.174	13.151	.713
178.	2500.0	412.09	1.665	3.850	4.1478	5.967	18.592	3.435	1.174	13.005	.711
180.	2500.0	419.89	1.655	3.865	4.1455	6.010	18.701	3.435	1.174	12.862	.710
185.	2500.0	439.40	1.630	3.901	4.1401	6.117	18.971	3.435	1.173	12.517	.706
190.	2500.0	458.90	1.605	3.937	4.1346	6.224	19.242	3.435	1.173	12.191	.703
195.	2500.0	478.41	1.579	3.973	4.1291	6.331	19.513	3.436	1.173	11.881	.699
200.	2500.0	497.27	1.547	4.031	4.1178	6.457	19.974	3.439	1.173	11.587	.694
205.	2500.0	518.08	1.539	4.040	4.1378	6.541	20.217	3.457	1.172	11.314	.691
210.	2500.0	538.89	1.531	4.049	4.1577	6.626	20.459	3.475	1.171	11.054	.688
215.	2500.0	559.70	1.524	4.057	4.1777	6.711	20.701	3.493	1.170	10.806	.685
220.	2500.0	580.52	1.516	4.066	4.1976	6.795	20.943	3.511	1.169	10.569	.682
225.	2500.0	601.33	1.508	4.075	4.2176	6.880	21.186	3.529	1.168	10.343	.679
230.	2500.0	622.14	1.500	4.083	4.2375	6.965	21.428	3.547	1.167	10.127	.676
235.	2500.0	642.95	1.492	4.092	4.2574	7.049	21.670	3.565	1.166	9.920	.673
240.	2500.0	663.76	1.485	4.101	4.2774	7.134	21.912	3.583	1.165	9.722	.671
245.	2500.0	684.57	1.477	4.109	4.2973	7.219	22.155	3.601	1.164	9.531	.668
250.	2500.0	705.38	1.469	4.118	4.3173	7.303	22.397	3.619	1.163	9.349	.665
255.	2500.0	726.20	1.461	4.126	4.3372	7.388	22.639	3.638	1.162	9.173	.663
260.	2500.0	747.01	1.453	4.135	4.3572	7.473	22.881	3.656	1.161	9.005	.661
265.	2500.0	767.82	1.446	4.144	4.3771	7.557	23.124	3.674	1.160	8.842	.658
270.	2500.0	788.63	1.438	4.152	4.3970	7.642	23.366	3.692	1.159	8.686	.656
275.	2500.0	809.44	1.430	4.161	4.4170	7.727	23.608	3.710	1.158	8.535	.654
280.	2500.0	830.25	1.422	4.170	4.4369	7.811	23.850	3.728	1.157	8.390	.652
285.	2500.0	851.07	1.414	4.178	4.4569	7.896	24.093	3.746	1.156	8.250	.650
290.	2500.0	871.88	1.407	4.187	4.4768	7.981	24.335	3.764	1.155	8.115	.648
295.	2500.0	892.69	1.399	4.196	4.4968	8.065	24.577	3.782	1.154	7.984	.646
300.	2500.0	913.50	1.391	4.204	4.5167	8.150	24.819	3.800	1.153	7.858	.644
305.	2500.0	933.78	1.391	4.189	4.5447	8.207	24.905	3.829	1.152	7.736	.644
310.	2500.0	954.06	1.392	4.174	4.5727	8.264	24.991	3.858	1.151	7.619	.644
315.	2500.0	974.34	1.392	4.159	4.6007	8.322	25.077	3.887	1.150	7.505	.645
320.	2500.0	994.62	1.392	4.144	4.6287	8.379	25.163	3.916	1.148	7.394	.645
325.	2500.0	1014.90	1.393	4.128	4.6567	8.436	25.248	3.946	1.147	7.287	.645
330.	2500.0	1035.18	1.393	4.113	4.6847	8.493	25.334	3.975	1.146	7.184	.645
335.	2500.0	1055.46	1.394	4.098	4.7127	8.550	25.420	4.004	1.145	7.083	.645
340.	2500.0	1075.74	1.394	4.083	4.7407	8.607	25.506	4.033	1.144	6.986	.646
345.	2500.0	1096.02	1.394	4.068	4.7687	8.664	25.591	4.062	1.143	6.891	.646
350.	2500.0	1116.30	1.395	4.053	4.7967	8.722	25.677	4.091	1.142	6.799	.646
355.	2500.0	1136.58	1.395	4.037	4.8247	8.779	25.763	4.120	1.141	6.710	.646
360.	2500.0	1156.86	1.395	4.022	4.8527	8.836	25.849	4.150	1.140	6.623	.646
365.	2500.0	1177.14	1.396	4.007	4.8807	8.893	25.935	4.179	1.139	6.538	.646
370.	2500.0	1197.42	1.396	3.992	4.9087	8.950	26.020	4.208	1.138	6.456	.646
375.	2500.0	1217.70	1.396	3.977	4.9367	9.007	26.106	4.237	1.137	6.376	.645
380.	2500.0	1237.98	1.397	3.962	4.9647	9.065	26.192	4.266	1.135	6.298	.645
385.	2500.0	1258.26	1.397	3.946	4.9927	9.122	26.278	4.295	1.134	6.222	.645
390.	2500.0	1278.54	1.398	3.931	5.0207	9.179	26.363	4.324	1.133	6.148	.645
395.	2500.0	1298.82	1.398	3.916	5.0487	9.236	26.449	4.353	1.132	6.076	.645
400.	2500.0	1321.15	1.401	3.875	5.0952	9.323	26.763	4.391	1.131	6.006	.636
420.	2500.0	1394.65	1.402	3.847	5.1851	9.466	27.224	4.504	1.128	5.737	.636
440.	2500.0	1468.15	1.402	3.818	5.2771	9.609	27.685	4.616	1.124	5.492	.637
460.	2500.0	1541.66	1.402	3.790	5.3630	9.752	28.146	4.729	1.121	5.269	.637

480.	2500.0	1615.17	1.403	3.762	5.4589	7.895	28.607	4.841	1.118	5.065	.637
500.	2500.0	1688.67	1.403	3.733	5.5498	10.038	29.069	4.954	1.114	4.877	.636
520.	2500.0	1762.17	1.403	3.705	5.5403	10.181	29.530	5.066	1.111	4.704	.636
540.	2500.0	1835.68	1.403	3.677	5.7317	10.324	29.991	5.179	1.108	4.543	.635
560.	2500.0	1909.18	1.404	3.648	5.8226	10.467	30.452	5.291	1.104	4.394	.634
580.	2500.0	1982.69	1.404	3.620	5.9135	10.610	30.913	5.404	1.101	4.256	.633
600.	2500.0	2056.19	1.404	3.591	6.0045	10.753	31.374	5.516	1.098	4.127	.631
620.	2500.0	2129.69	1.405	3.563	6.0954	10.896	31.835	5.629	1.094	4.006	.630
640.	2500.0	2203.20	1.405	3.535	6.1863	11.039	32.296	5.741	1.091	3.893	.628
660.	2500.0	2274.93	1.405	3.520	6.2682	11.154	32.804	5.850	1.088	3.783	.628
680.	2500.0	2344.88	1.404	3.518	6.3411	11.243	33.357	5.956	1.086	3.678	.628
700.	2500.0	2414.84	1.403	3.516	6.4140	11.332	33.911	6.061	1.085	3.579	.629
720.	2500.0	2484.80	1.403	3.515	6.4859	11.420	34.464	6.167	1.083	3.485	.629
740.	2500.0	2554.75	1.402	3.513	6.5598	11.509	35.018	6.273	1.081	3.397	.629
760.	2500.0	2624.71	1.402	3.511	6.6327	11.598	35.571	6.378	1.079	3.313	.630
780.	2500.0	2694.66	1.401	3.510	6.7056	11.686	36.125	6.484	1.078	3.233	.630
800.	2500.0	2764.62	1.400	3.508	6.7785	11.775	36.678	6.590	1.076	3.157	.630
820.	2500.0	2834.58	1.400	3.507	6.8513	11.863	37.232	6.695	1.074	3.085	.631
840.	2500.0	2904.53	1.399	3.505	6.9242	11.952	37.785	6.801	1.072	3.017	.631
860.	2500.0	2974.49	1.398	3.503	6.9971	12.041	38.339	6.906	1.071	2.952	.631
880.	2500.0	3044.44	1.398	3.502	7.0700	12.129	38.892	7.012	1.069	2.889	.631
900.	2500.0	3114.40	1.397	3.500	7.1429	12.218	39.445	7.118	1.067	2.830	.632
920.	2500.0	3184.30	1.397	3.499	7.2079	12.286	40.112	7.221	1.066	2.771	.630
940.	2500.0	3254.21	1.397	3.498	7.2729	12.354	40.778	7.323	1.065	2.715	.628
960.	2500.0	3324.11	1.397	3.497	7.3379	12.423	41.445	7.426	1.064	2.661	.627
980.	2500.0	3394.02	1.396	3.496	7.4028	12.491	42.111	7.529	1.063	2.610	.625
1000.	2500.0	3463.92	1.396	3.495	7.4678	12.559	42.778	7.632	1.061	2.560	.624
1050.	2500.0	3638.68	1.396	3.492	7.6303	12.730	44.444	7.890	1.059	2.444	.620
1100.	2500.0	3813.44	1.395	3.490	7.7927	12.900	46.110	8.147	1.056	2.339	.617
1150.	2500.0	3988.20	1.395	3.487	7.9552	13.071	47.776	8.404	1.053	2.244	.613
1200.	2500.0	4163.31	1.393	3.493	8.0973	13.208	48.443	8.674	1.051	2.154	.625
1250.	2500.0	4338.42	1.391	3.498	8.2387	13.345	49.109	8.944	1.049	2.072	.637
1300.	2500.0	4513.53	1.390	3.504	8.3805	13.482	49.775	9.214	1.047	1.996	.649
1350.	2500.0	4688.64	1.388	3.509	8.5223	13.619	50.442	9.484	1.045	1.926	.660
1400.	2500.0	4861.62	1.387	3.511	8.6741	13.803	50.312	9.779	1.043	1.861	.682
1450.	2500.0	5039.52	1.386	3.521	8.7983	13.909	51.738	10.018	1.042	1.799	.682
1500.	2500.0	5217.41	1.384	3.530	8.9225	14.016	53.163	10.257	1.041	1.741	.681
1550.	2500.0	5395.30	1.383	3.540	9.0467	14.122	54.589	10.496	1.039	1.687	.681
1600.	2500.0	5573.19	1.381	3.550	9.1708	14.228	56.014	10.735	1.038	1.636	.680
1650.	2500.0	5751.08	1.380	3.560	9.2950	14.335	57.440	10.973	1.037	1.588	.680
1700.	2500.0	5928.97	1.378	3.570	9.4192	14.441	58.865	11.212	1.036	1.543	.680
1750.	2500.0	6106.87	1.377	3.579	9.5434	14.547	60.291	11.451	1.035	1.501	.680
1800.	2500.0	6284.76	1.375	3.589	9.6675	14.653	61.717	11.690	1.034	1.461	.680
1850.	2500.0	6462.65	1.374	3.599	9.7917	14.760	63.142	11.929	1.032	1.423	.680
1900.	2500.0	6640.54	1.372	3.609	9.9159	14.866	64.568	12.167	1.031	1.387	.680
1950.	2500.0	6818.43	1.370	3.619	10.0401	14.972	65.993	12.406	1.030	1.353	.680
2000.	2500.0	6996.32	1.369	3.628	10.1642	15.079	67.419	12.645	1.029	1.321	.681
2050.	2500.0	7181.86	1.367	3.643	10.2673	15.159	68.935	12.887	1.028	1.289	.680
2100.	2500.0	7367.39	1.365	3.657	10.3704	15.239	70.450	13.089	1.028	1.259	.679
2150.	2500.0	7552.92	1.363	3.672	10.4734	15.319	71.966	13.311	1.027	1.231	.679
2200.	2500.0	7738.45	1.361	3.686	10.5765	15.399	73.482	13.533	1.026	1.203	.679
2250.	2500.0	7923.98	1.360	3.700	10.6796	15.480	74.998	13.755	1.026	1.177	.679
2300.	2500.0	8109.51	1.358	3.715	10.7826	15.560	76.513	13.977	1.025	1.152	.679
2350.	2500.0	8295.04	1.356	3.729	10.8857	15.640	78.029	14.200	1.025	1.129	.679
2400.	2500.0	8480.57	1.354	3.743	10.9887	15.720	79.545	14.422	1.024	1.106	.679
2450.	2500.0	8666.11	1.352	3.758	11.0918	15.800	81.061	14.644	1.023	1.084	.679
2500.	2500.0	8851.64	1.350	3.772	11.1949	15.880	82.577	14.866	1.023	1.063	.679
2550.	2500.0	9037.17	1.348	3.787	11.2979	15.961	84.092	15.088	1.022	1.043	.679
2600.	2500.0	9222.70	1.347	3.801	11.4010	16.041	85.608	15.310	1.021	1.023	.680
2650.	2500.0	9416.75	1.345	3.815	11.4924	16.108	87.167	15.522	1.021	1.004	.679
2700.	2500.0	9610.79	1.343	3.829	11.5839	16.175	88.726	15.734	1.021	.986	.679
2750.	2500.0	9804.84	1.342	3.843	11.6753	16.242	90.285	15.946	1.020	.968	.679

2800.	2500.0	9998.88	1.340	3.857	11.7667	16.308	91.844	16.158	1.020	.952	.578
2850.	2500.0	10192.93	1.339	3.871	11.8582	16.375	93.403	16.370	1.020	.935	.578
2900.	2500.0	10386.97	1.337	3.884	11.9495	16.442	94.962	16.581	1.019	.919	.678
2950.	2500.0	10581.02	1.335	3.898	12.0411	16.509	96.521	16.793	1.019	.904	.678
3000.	2500.0	10775.07	1.334	3.912	12.1325	16.576	98.079	17.005	1.018	.889	.578
3050.	2500.0	10969.11	1.332	3.926	12.2239	16.643	99.638	17.217	1.018	.875	.678
3100.	2500.0	11163.16	1.331	3.940	12.3154	16.710	101.197	17.429	1.018	.861	.679
3150.	2500.0	11357.20	1.329	3.954	12.4058	16.777	102.756	17.641	1.017	.848	.679
3200.	2500.0	11551.25	1.327	3.968	12.4982	16.844	104.315	17.853	1.017	.835	.679
3250.	2500.0	11754.25	1.326	3.983	12.5805	16.902	105.872	18.057	1.017	.822	.578
3300.	2500.0	11957.25	1.325	3.998	12.6627	16.960	107.428	18.261	1.016	.810	.678
3350.	2500.0	12160.25	1.323	4.014	12.7449	17.017	108.985	18.465	1.016	.798	.677
3400.	2500.0	12363.25	1.322	4.029	12.8271	17.075	111.142	18.669	1.016	.787	.577
3450.	2500.0	12566.25	1.320	4.044	12.9093	17.133	112.848	18.873	1.016	.776	.676
3500.	2500.0	12769.25	1.319	4.059	12.9915	17.191	114.555	19.077	1.015	.765	.676
3550.	2500.0	12972.25	1.317	4.075	13.0737	17.248	116.262	19.281	1.015	.754	.676
3600.	2500.0	13175.25	1.316	4.090	13.1559	17.306	117.968	19.485	1.015	.744	.676
3650.	2500.0	13378.25	1.315	4.105	13.2381	17.364	119.675	19.689	1.015	.734	.675
3700.	2500.0	13581.25	1.313	4.120	13.3203	17.422	121.382	19.893	1.014	.724	.675
3750.	2500.0	13784.25	1.312	4.135	13.4025	17.479	123.088	20.097	1.014	.715	.675
3800.	2500.0	13989.25	1.310	4.150	13.4827	17.535	124.797	20.299	1.014	.705	.675
3850.	2500.0	14200.13	1.309	4.170	13.5586	17.588	126.827	20.498	1.014	.696	.674
3900.	2500.0	14411.00	1.307	4.190	13.6345	17.641	128.857	20.698	1.014	.687	.673
3950.	2500.0	14621.88	1.306	4.210	13.7104	17.694	130.887	20.897	1.013	.679	.672
4000.	2500.0	14832.75	1.304	4.230	13.7862	17.747	132.917	21.097	1.013	.670	.671
4050.	2500.0	15043.63	1.303	4.250	13.8621	17.800	134.947	21.296	1.013	.662	.671
4100.	2500.0	15254.50	1.301	4.269	13.9380	17.853	136.977	21.495	1.013	.654	.670
4150.	2500.0	15465.38	1.300	4.289	14.0139	17.906	139.007	21.695	1.013	.647	.669
4200.	2500.0	15676.25	1.298	4.309	14.0897	17.959	141.037	21.894	1.013	.639	.669
4250.	2500.0	15896.94	1.297	4.339	14.1598	18.009	143.064	22.090	1.013	.631	.667
4300.	2500.0	16117.63	1.295	4.368	14.2299	18.059	145.091	22.286	1.012	.624	.665
4350.	2500.0	16338.31	1.293	4.398	14.3000	18.109	147.007	22.482	1.012	.617	.664
4400.	2500.0	16559.00	1.291	4.427	14.3701	18.160	151.664	22.678	1.012	.610	.662
4450.	2500.0	16779.69	1.290	4.457	14.4402	18.210	154.320	22.874	1.012	.603	.661
4500.	2500.0	17000.38	1.288	4.486	14.5103	18.260	156.977	23.070	1.012	.597	.659
4550.	2500.0	17221.06	1.286	4.516	14.5804	18.310	159.633	23.266	1.012	.590	.658
4600.	2500.0	17441.75	1.285	4.545	14.6505	18.360	162.290	23.462	1.012	.584	.657
4650.	2500.0	17678.06	1.283	4.590	14.7157	18.410	166.069	23.656	1.012	.577	.654
4700.	2500.0	17914.38	1.281	4.636	14.7808	18.459	169.848	23.850	1.012	.571	.651
4750.	2500.0	18150.69	1.279	4.681	14.8460	18.508	173.627	24.043	1.012	.565	.648
4800.	2500.0	18387.00	1.277	4.727	14.9111	18.557	177.406	24.237	1.012	.559	.646
4850.	2500.0	18623.31	1.275	4.772	14.9763	18.605	181.185	24.431	1.013	.553	.643
4900.	2500.0	18859.63	1.273	4.817	15.0414	18.655	184.964	24.624	1.013	.548	.641
4950.	2500.0	19095.94	1.271	4.863	15.1066	18.704	188.743	24.818	1.013	.542	.639
5000.	2500.0	19332.25	1.269	4.908	15.1717	18.753	192.522	25.012	1.013	.537	.638

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND *(10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY *(10)**4 (LB/CU.IN) R=9200	PRANDTL NUMBER
36.	3000.0	-19.62	1.270	1.647	6.6846	1.325	26.531	19.655	2.931	30.908	1.220
38.	3000.0	-16.20	1.289	1.717	6.5413	1.416	25.465	17.959	2.801	30.634	1.211
40.	3000.0	-12.78	1.307	1.787	6.5981	1.506	24.400	16.263	2.672	30.512	1.191
42.	3000.0	-9.07	1.325	1.851	6.5629	1.594	23.549	15.117	2.566	30.235	1.188
44.	3000.0	-5.36	1.343	1.915	6.5278	1.682	22.699	13.972	2.464	30.077	1.179
46.	3000.0	-1.42	1.363	1.975	6.4858	1.764	22.022	13.126	2.378	29.808	1.177
48.	3000.0	2.53	1.382	2.035	6.4438	1.854	21.345	12.281	2.292	29.635	1.171
50.	3000.0	6.71	1.401	2.093	6.4029	1.937	20.807	11.634	2.221	29.367	1.170
52.	3000.0	10.89	1.421	2.151	6.3621	2.021	20.270	10.987	2.145	29.178	1.166
54.	3000.0	15.30	1.441	2.206	6.3168	2.103	19.857	10.475	2.089	28.909	1.164
56.	3000.0	19.71	1.460	2.262	6.2716	2.185	19.444	9.963	2.028	28.706	1.159
58.	3000.0	24.34	1.481	2.315	6.2274	2.265	19.132	9.545	1.977	28.437	1.155
60.	3000.0	28.97	1.501	2.369	6.1833	2.344	18.821	9.127	1.926	28.222	1.149
62.	3000.0	33.80	1.521	2.419	6.1385	2.422	18.595	8.781	1.882	27.948	1.142
64.	3000.0	38.66	1.545	2.476	6.0785	2.506	18.449	8.413	1.833	27.794	1.129
66.	3000.0	43.82	1.565	2.520	6.0336	2.581	18.312	8.148	1.799	27.467	1.121
68.	3000.0	48.98	1.585	2.563	5.9887	2.656	18.175	7.882	1.764	27.180	1.112
70.	3000.0	54.14	1.605	2.606	5.9438	2.731	18.038	7.617	1.730	26.929	1.101
72.	3000.0	59.30	1.626	2.650	5.8989	2.806	17.901	7.351	1.695	26.713	1.088
74.	3000.0	64.45	1.646	2.693	5.8540	2.882	17.763	7.085	1.661	26.530	1.074
76.	3000.0	70.03	1.663	2.730	5.8097	2.952	17.717	6.902	1.637	26.208	1.064
78.	3000.0	75.60	1.681	2.767	5.7654	3.023	17.670	6.719	1.613	25.914	1.052
80.	3000.0	81.17	1.698	2.804	5.7211	3.093	17.624	6.536	1.589	25.646	1.040
82.	3000.0	86.74	1.716	2.841	5.6768	3.164	17.577	6.353	1.565	25.402	1.027
84.	3000.0	92.31	1.734	2.879	5.6325	3.234	17.530	6.169	1.542	25.182	1.013
86.	3000.0	98.23	1.747	2.912	5.5883	3.301	17.517	6.034	1.524	24.874	1.003
88.	3000.0	104.15	1.760	2.945	5.5452	3.367	17.504	5.898	1.507	24.586	.992
90.	3000.0	110.07	1.773	2.979	5.5015	3.434	17.491	5.762	1.490	24.318	.981
92.	3000.0	115.99	1.787	3.012	5.4578	3.500	17.477	5.626	1.473	24.067	.970
94.	3000.0	121.90	1.800	3.045	5.4141	3.567	17.464	5.491	1.455	23.834	.957
96.	3000.0	128.16	1.809	3.072	5.3747	3.630	17.467	5.390	1.443	23.536	.948
98.	3000.0	134.41	1.818	3.099	5.3352	3.693	17.471	5.289	1.431	23.253	.938
100.	3000.0	140.66	1.828	3.125	5.2958	3.756	17.474	5.188	1.419	22.986	.928
102.	3000.0	146.91	1.837	3.152	5.2553	3.819	17.478	5.087	1.406	22.732	.917
104.	3000.0	152.34	1.844	3.165	5.2304	3.878	17.501	4.965	1.392	22.531	.898
106.	3000.0	158.98	1.844	3.185	5.2000	3.934	17.530	4.906	1.385	22.214	.891
108.	3000.0	165.61	1.844	3.205	5.1697	3.990	17.558	4.847	1.378	21.909	.885
110.	3000.0	172.25	1.844	3.224	5.1393	4.046	17.587	4.788	1.371	21.617	.878
112.	3000.0	178.88	1.844	3.244	5.1089	4.101	17.616	4.730	1.365	21.335	.871
114.	3000.0	185.52	1.845	3.264	5.0786	4.157	17.644	4.671	1.358	21.065	.864
116.	3000.0	192.15	1.845	3.284	5.0482	4.213	17.673	4.612	1.351	20.805	.857
118.	3000.0	198.79	1.845	3.303	5.0179	4.269	17.702	4.553	1.344	20.555	.850
120.	3000.0	205.42	1.845	3.323	4.9875	4.325	17.730	4.495	1.338	20.315	.842
122.	3000.0	212.06	1.845	3.343	4.9571	4.381	17.759	4.436	1.331	20.083	.835
124.	3000.0	218.70	1.846	3.363	4.9268	4.436	17.788	4.377	1.324	19.860	.827
126.	3000.0	225.33	1.846	3.382	4.8964	4.492	17.817	4.318	1.317	19.644	.820
128.	3000.0	231.97	1.846	3.402	4.8660	4.548	17.845	4.260	1.311	19.437	.812
130.	3000.0	238.60	1.846	3.422	4.8357	4.604	17.874	4.201	1.304	19.237	.804
132.	3000.0	245.24	1.846	3.442	4.8053	4.660	17.903	4.142	1.297	19.044	.796
134.	3000.0	251.87	1.847	3.462	4.7750	4.716	17.931	4.083	1.290	18.858	.788
136.	3000.0	258.51	1.847	3.481	4.7446	4.771	17.960	4.025	1.284	18.678	.780
138.	3000.0	265.73	1.837	3.499	4.7273	4.819	18.026	4.005	1.281	18.441	.777
140.	3000.0	272.96	1.828	3.516	4.7113	4.867	18.092	3.986	1.279	18.211	.775
142.	3000.0	280.18	1.818	3.533	4.6945	4.914	18.157	3.966	1.277	17.987	.772
144.	3000.0	287.41	1.809	3.550	4.6779	4.962	18.223	3.946	1.274	17.769	.769
146.	3000.0	294.63	1.799	3.568	4.6613	5.009	18.289	3.927	1.272	17.558	.766
148.	3000.0	301.86	1.790	3.585	4.6446	5.057	18.355	3.907	1.270	17.353	.763
150.	3000.0	309.08	1.780	3.602	4.6279	5.104	18.421	3.888	1.267	17.153	.760

152.	3000.0	316.31	1.770	3.619	4.6112	5.152	18.486	3.868	1.265	16.958	.757
154.	3000.0	323.53	1.761	3.637	4.5945	5.200	18.552	3.849	1.263	16.769	.754
156.	3000.0	330.76	1.751	3.654	4.5779	5.247	18.618	3.829	1.260	16.585	.752
158.	3000.0	337.98	1.742	3.671	4.5612	5.295	18.684	3.810	1.258	16.405	.749
160.	3000.0	345.21	1.732	3.688	4.5445	5.342	18.750	3.790	1.256	16.230	.746
162.	3000.0	352.43	1.723	3.706	4.5279	5.390	18.816	3.771	1.253	16.059	.743
164.	3000.0	359.65	1.713	3.723	4.5112	5.437	18.881	3.751	1.251	15.893	.740
166.	3000.0	366.88	1.704	3.740	4.4945	5.485	18.947	3.731	1.249	15.731	.737
168.	3000.0	374.11	1.694	3.757	4.4779	5.532	19.013	3.712	1.246	15.573	.734
170.	3000.0	381.92	1.685	3.775	4.4712	5.575	19.111	3.708	1.245	15.403	.732
172.	3000.0	389.72	1.676	3.792	4.4644	5.618	19.208	3.704	1.244	15.238	.731
174.	3000.0	397.53	1.667	3.809	4.4577	5.661	19.306	3.700	1.243	15.076	.730
176.	3000.0	405.33	1.658	3.826	4.4509	5.704	19.403	3.696	1.242	14.918	.729
178.	3000.0	413.14	1.649	3.843	4.4442	5.747	19.501	3.691	1.241	14.763	.727
180.	3000.0	420.94	1.641	3.860	4.4374	5.790	19.599	3.687	1.240	14.612	.726
185.	3000.0	440.46	1.618	3.902	4.4206	5.897	19.843	3.677	1.237	14.249	.723
190.	3000.0	459.97	1.596	3.945	4.4037	6.004	20.087	3.667	1.234	13.905	.720
195.	3000.0	479.49	1.573	3.988	4.3869	6.111	20.331	3.657	1.231	13.579	.717
200.	3000.0	498.40	1.545	4.053	4.3638	6.237	20.741	3.647	1.228	13.275	.713
205.	3000.0	519.35	1.537	4.062	4.3799	6.322	20.970	3.660	1.226	12.972	.709
210.	3000.0	540.31	1.530	4.071	4.3959	6.408	21.200	3.673	1.224	12.684	.705
215.	3000.0	561.26	1.523	4.080	4.4120	6.493	21.429	3.686	1.222	12.409	.702
220.	3000.0	582.22	1.515	4.089	4.4280	6.578	21.658	3.700	1.220	12.146	.698
225.	3000.0	603.17	1.508	4.098	4.4441	6.663	21.887	3.713	1.218	11.895	.695
230.	3000.0	624.13	1.500	4.107	4.4602	6.749	22.117	3.726	1.216	11.656	.692
235.	3000.0	645.08	1.493	4.116	4.4762	6.834	22.346	3.739	1.214	11.426	.689
240.	3000.0	666.04	1.486	4.125	4.4923	6.919	22.575	3.753	1.212	11.206	.686
245.	3000.0	686.99	1.478	4.134	4.5083	7.004	22.805	3.766	1.210	10.995	.683
250.	3000.0	707.95	1.471	4.143	4.5244	7.089	23.034	3.779	1.208	10.793	.680
255.	3000.0	728.90	1.463	4.152	4.5405	7.175	23.263	3.792	1.207	10.599	.677
260.	3000.0	749.86	1.456	4.161	4.5565	7.260	23.493	3.806	1.205	10.412	.674
265.	3000.0	770.81	1.449	4.170	4.5726	7.345	23.722	3.819	1.203	10.232	.671
270.	3000.0	791.77	1.441	4.179	4.5886	7.430	23.951	3.832	1.201	10.059	.669
275.	3000.0	812.72	1.434	4.188	4.6047	7.516	24.180	3.845	1.199	9.893	.666
280.	3000.0	833.68	1.427	4.197	4.6208	7.601	24.410	3.859	1.197	9.732	.663
285.	3000.0	854.63	1.419	4.206	4.6368	7.686	24.639	3.872	1.195	9.577	.661
290.	3000.0	875.59	1.412	4.215	4.6529	7.771	24.868	3.885	1.193	9.427	.658
295.	3000.0	896.54	1.404	4.224	4.6689	7.857	25.098	3.898	1.191	9.283	.656
300.	3000.0	917.50	1.397	4.233	4.6850	7.942	25.327	3.912	1.189	9.143	.654
305.	3000.0	937.89	1.397	4.217	4.7119	7.999	25.416	3.939	1.187	9.004	.654
310.	3000.0	958.28	1.398	4.202	4.7388	8.057	25.505	3.966	1.186	8.870	.653
315.	3000.0	978.67	1.398	4.186	4.7657	8.114	25.595	3.993	1.184	8.740	.653
320.	3000.0	999.06	1.398	4.170	4.7925	8.172	25.684	4.020	1.183	8.614	.653
325.	3000.0	1019.45	1.398	4.154	4.8195	8.229	25.773	4.047	1.182	8.492	.652
330.	3000.0	1039.84	1.399	4.139	4.8464	8.287	25.862	4.075	1.180	8.373	.652
335.	3000.0	1060.23	1.399	4.123	4.8733	8.344	25.951	4.102	1.179	8.258	.652
340.	3000.0	1080.62	1.399	4.107	4.9002	8.402	26.041	4.129	1.177	8.147	.651
345.	3000.0	1101.01	1.400	4.091	4.9271	8.459	26.130	4.156	1.176	8.039	.651
350.	3000.0	1121.40	1.400	4.076	4.9540	8.517	26.219	4.183	1.174	7.934	.650
355.	3000.0	1141.79	1.400	4.060	4.9809	8.574	26.308	4.210	1.173	7.831	.650
360.	3000.0	1162.18	1.400	4.044	5.0078	8.631	26.397	4.238	1.171	7.732	.649
365.	3000.0	1182.57	1.401	4.029	5.0347	8.689	26.487	4.265	1.170	7.636	.649
370.	3000.0	1202.96	1.401	4.013	5.0616	8.746	26.576	4.292	1.169	7.542	.648
375.	3000.0	1223.35	1.401	3.997	5.0885	8.804	26.665	4.319	1.167	7.450	.647
380.	3000.0	1243.74	1.401	3.981	5.1154	8.861	26.754	4.346	1.166	7.362	.647
385.	3000.0	1264.13	1.402	3.966	5.1423	8.919	26.843	4.373	1.164	7.275	.646
390.	3000.0	1284.52	1.402	3.950	5.1692	8.976	26.933	4.401	1.163	7.191	.645
395.	3000.0	1304.91	1.402	3.934	5.1961	9.034	27.022	4.428	1.161	7.108	.645
400.	3000.0	1327.30	1.406	3.893	5.2425	9.121	27.353	4.462	1.160	7.028	.635
420.	3000.0	1401.09	1.406	3.863	5.3303	9.264	27.819	4.572	1.156	6.718	.635
440.	3000.0	1474.88	1.406	3.834	5.4181	9.403	28.284	4.681	1.151	6.436	.635
460.	3000.0	1548.68	1.406	3.805	5.5059	9.551	28.750	4.790	1.147	6.179	.634

480.	3000.0	1622.47	1.406	3.775	5.5936	9.655	29.215	4.900	1.143	5.944	.633
500.	3000.0	1696.26	1.406	3.747	5.6814	9.839	29.681	5.009	1.139	5.727	.632
520.	3000.0	1770.05	1.406	3.718	5.7692	9.982	30.146	5.118	1.134	5.528	.631
540.	3000.0	1843.84	1.406	3.689	5.8569	10.126	30.612	5.228	1.130	5.343	.630
560.	3000.0	1917.64	1.406	3.659	5.9447	10.269	31.077	5.337	1.126	5.172	.628
580.	3000.0	1991.43	1.406	3.630	6.0325	10.413	31.543	5.446	1.122	5.012	.627
600.	3000.0	2065.22	1.406	3.601	6.1203	10.556	32.008	5.556	1.117	4.864	.625
620.	3000.0	2139.01	1.406	3.572	6.2081	10.700	32.474	5.665	1.113	4.725	.623
640.	3000.0	2212.80	1.406	3.543	6.2958	10.843	32.939	5.775	1.109	4.595	.621
660.	3000.0	2284.74	1.405	3.527	6.3754	10.959	33.445	5.882	1.106	4.468	.620
680.	3000.0	2354.81	1.405	3.525	6.4468	11.048	33.990	5.986	1.104	4.345	.621
700.	3000.0	2424.88	1.404	3.523	6.5183	11.137	34.536	6.091	1.101	4.229	.621
720.	3000.0	2494.95	1.403	3.521	6.5897	11.226	35.081	6.195	1.099	4.120	.622
740.	3000.0	2565.02	1.403	3.520	6.6611	11.315	35.627	6.300	1.097	4.016	.622
760.	3000.0	2635.10	1.402	3.518	6.7325	11.403	36.172	6.405	1.095	3.918	.623
780.	3000.0	2705.17	1.401	3.516	6.8040	11.492	36.718	6.509	1.093	3.825	.623
800.	3000.0	2775.24	1.401	3.514	6.8754	11.581	37.263	6.614	1.091	3.737	.624
820.	3000.0	2845.31	1.400	3.512	6.9468	11.670	37.809	6.719	1.089	3.653	.624
840.	3000.0	2915.38	1.399	3.510	7.0182	11.759	38.354	6.823	1.087	3.573	.624
860.	3000.0	2985.46	1.398	3.508	7.0897	11.847	38.900	6.928	1.084	3.496	.625
880.	3000.0	3055.53	1.398	3.506	7.1611	11.936	39.445	7.033	1.082	3.424	.625
900.	3000.0	3125.60	1.397	3.504	7.2325	12.025	39.991	7.137	1.080	3.354	.625
920.	3000.0	3195.57	1.397	3.503	7.2966	12.093	40.555	7.240	1.079	3.285	.624
940.	3000.0	3265.54	1.397	3.502	7.3606	12.162	41.119	7.342	1.078	3.219	.622
960.	3000.0	3335.50	1.396	3.501	7.4247	12.230	41.684	7.445	1.076	3.156	.621
980.	3000.0	3405.47	1.396	3.499	7.4888	12.298	42.248	7.547	1.075	3.096	.619
1000.	3000.0	3475.44	1.396	3.498	7.5529	12.367	42.812	7.650	1.074	3.037	.618
1050.	3000.0	3650.36	1.395	3.495	7.7130	12.537	44.973	7.906	1.070	2.902	.614
1100.	3000.0	3825.28	1.395	3.492	7.8732	12.708	46.633	8.163	1.067	2.778	.611
1150.	3000.0	4000.20	1.394	3.489	8.0334	12.879	48.294	8.419	1.064	2.666	.608
1200.	3000.0	4175.44	1.392	3.495	8.1731	13.016	48.870	8.686	1.061	2.560	.621
1250.	3000.0	4350.68	1.391	3.500	8.3129	13.153	49.446	8.953	1.059	2.464	.634
1300.	3000.0	4525.92	1.389	3.506	8.4526	13.291	50.021	9.221	1.056	2.374	.646
1350.	3000.0	4701.16	1.388	3.511	8.5924	13.428	50.597	9.488	1.054	2.291	.658
1400.	3000.0	4874.30	1.386	3.512	8.7425	13.532	50.312	9.779	1.051	2.215	.683
1450.	3000.0	5052.22	1.385	3.522	8.8655	13.638	51.138	10.018	1.050	2.142	.682
1500.	3000.0	5230.15	1.383	3.532	8.9884	13.745	53.163	10.257	1.049	2.073	.681
1550.	3000.0	5408.07	1.382	3.541	9.1114	13.851	54.589	10.496	1.047	2.009	.681
1600.	3000.0	5586.00	1.380	3.551	9.2343	13.957	56.014	10.735	1.046	1.949	.681
1650.	3000.0	5763.92	1.379	3.561	9.3573	14.064	57.440	10.973	1.044	1.892	.680
1700.	3000.0	5941.85	1.377	3.570	9.4802	14.170	58.865	11.212	1.043	1.839	.680
1750.	3000.0	6119.77	1.376	3.580	9.6032	14.276	60.291	11.451	1.042	1.789	.680
1800.	3000.0	6297.70	1.374	3.590	9.7262	14.383	61.717	11.690	1.040	1.742	.680
1850.	3000.0	6475.62	1.373	3.599	9.8491	14.489	63.142	11.929	1.039	1.697	.680
1900.	3000.0	6653.55	1.371	3.609	9.9721	14.595	64.568	12.167	1.037	1.654	.680
1950.	3000.0	6831.47	1.370	3.619	10.0950	14.702	65.993	12.406	1.036	1.614	.680
2000.	3000.0	7009.40	1.368	3.629	10.2180	14.808	67.419	12.645	1.035	1.576	.681
2050.	3000.0	7194.92	1.366	3.643	10.3203	14.888	68.835	12.867	1.034	1.539	.680
2100.	3000.0	7380.45	1.364	3.657	10.4221	14.968	70.250	13.089	1.033	1.503	.679
2150.	3000.0	7565.97	1.363	3.672	10.5250	15.048	71.666	13.311	1.032	1.469	.679
2200.	3000.0	7751.50	1.361	3.686	10.6273	15.129	73.082	13.533	1.032	1.437	.679
2250.	3000.0	7937.02	1.359	3.700	10.7291	15.209	74.497	13.755	1.031	1.406	.679
2300.	3000.0	8122.55	1.357	3.715	10.8321	15.289	76.513	13.977	1.030	1.376	.679
2350.	3000.0	8308.07	1.355	3.729	10.9343	15.369	78.029	14.200	1.029	1.348	.679
2400.	3000.0	8493.60	1.353	3.743	11.0367	15.449	79.544	14.422	1.029	1.321	.679
2450.	3000.0	8679.12	1.351	3.758	11.1390	15.529	81.060	14.644	1.028	1.295	.679
2500.	3000.0	8864.65	1.350	3.772	11.2413	15.610	82.576	14.866	1.027	1.270	.679
2550.	3000.0	9050.17	1.348	3.786	11.3437	15.690	84.091	15.088	1.027	1.246	.679
2600.	3000.0	9235.70	1.346	3.801	11.4460	15.770	85.607	15.310	1.026	1.223	.680
2650.	3000.0	9429.72	1.344	3.815	11.5364	15.837	87.165	15.522	1.025	1.200	.679
2700.	3000.0	9623.75	1.343	3.828	11.6278	15.904	88.722	15.734	1.025	1.178	.679
2750.	3000.0	9817.77	1.341	3.842	11.7187	15.971	90.280	15.946	1.024	1.158	.679

2800.	3000.0	10011.80	1.340	3.856	11.8097	16.038	91.838	16.158	1.024	1.137	.678
2850.	3000.0	10205.82	1.338	3.870	11.9095	16.105	93.396	16.370	1.023	1.118	.678
2900.	3000.0	10399.85	1.336	3.884	11.9915	16.171	94.953	16.581	1.023	1.099	.678
2950.	3000.0	10593.87	1.335	3.898	12.0824	16.233	96.511	16.793	1.023	1.081	.678
3000.	3000.0	10787.90	1.333	3.912	12.1733	16.305	98.069	17.005	1.022	1.063	.678
3050.	3000.0	10981.92	1.332	3.926	12.2642	16.372	99.627	17.217	1.022	1.047	.678
3100.	3000.0	11175.95	1.330	3.939	12.3552	16.439	101.184	17.429	1.021	1.030	.679
3150.	3000.0	11369.97	1.329	3.953	12.4461	16.506	102.742	17.641	1.021	1.014	.679
3200.	3000.0	11564.00	1.327	3.967	12.5370	16.573	104.300	17.853	1.020	.999	.679
3250.	3000.0	11766.83	1.326	3.982	12.6190	16.631	105.983	18.057	1.020	.984	.678
3300.	3000.0	11969.67	1.324	3.997	12.7010	16.688	107.667	18.261	1.020	.969	.678
3350.	3000.0	12172.50	1.323	4.011	12.7830	16.746	109.350	18.465	1.019	.955	.677
3400.	3000.0	12375.33	1.321	4.026	12.8650	16.804	111.033	18.669	1.019	.941	.677
3450.	3000.0	12578.17	1.320	4.041	12.9470	16.862	112.717	18.873	1.019	.928	.677
3500.	3000.0	12781.00	1.319	4.055	13.0290	16.919	114.400	19.077	1.018	.915	.676
3550.	3000.0	12983.83	1.317	4.070	13.1110	16.977	116.083	19.281	1.018	.902	.676
3600.	3000.0	13186.67	1.316	4.085	13.1930	17.035	117.767	19.485	1.018	.890	.676
3650.	3000.0	13389.50	1.314	4.099	13.2750	17.093	119.450	19.689	1.017	.878	.676
3700.	3000.0	13592.33	1.313	4.114	13.3570	17.150	121.133	19.893	1.017	.866	.676
3750.	3000.0	13795.17	1.312	4.129	13.4390	17.208	122.817	20.097	1.017	.855	.676
3800.	3000.0	14000.00	1.310	4.143	13.5190	17.264	124.500	20.299	1.017	.844	.676
3850.	3000.0	14210.25	1.309	4.161	13.5950	17.317	126.451	20.498	1.016	.833	.675
3900.	3000.0	14420.50	1.307	4.180	13.6710	17.369	128.402	20.698	1.016	.823	.674
3950.	3000.0	14630.75	1.306	4.198	13.7470	17.422	130.354	20.897	1.016	.813	.673
4000.	3000.0	14841.00	1.305	4.216	13.8230	17.475	132.305	21.096	1.016	.803	.672
4050.	3000.0	15051.25	1.303	4.235	13.8990	17.528	134.256	21.296	1.016	.793	.672
4100.	3000.0	15261.50	1.302	4.253	13.9750	17.580	136.207	21.495	1.015	.783	.671
4150.	3000.0	15471.75	1.300	4.271	14.0510	17.633	138.159	21.695	1.015	.774	.671
4200.	3000.0	15682.00	1.299	4.289	14.1270	17.686	140.110	21.894	1.015	.765	.670
4250.	3000.0	15901.13	1.297	4.316	14.1975	17.736	142.586	22.090	1.015	.756	.669
4300.	3000.0	16120.25	1.296	4.342	14.2680	17.786	145.062	22.286	1.015	.747	.667
4350.	3000.0	16339.38	1.294	4.368	14.3385	17.836	147.539	22.482	1.015	.739	.666
4400.	3000.0	16558.50	1.293	4.394	14.4090	17.885	150.015	22.678	1.015	.730	.664
4450.	3000.0	16777.63	1.291	4.421	14.4795	17.935	152.491	22.874	1.014	.722	.663
4500.	3000.0	16996.75	1.289	4.447	14.5500	17.985	154.967	23.070	1.014	.714	.662
4550.	3000.0	17215.88	1.288	4.473	14.6205	18.035	157.444	23.266	1.014	.707	.661
4600.	3000.0	17435.00	1.286	4.499	14.6910	18.085	159.920	23.462	1.014	.699	.660
4650.	3000.0	17667.88	1.285	4.539	14.7565	18.133	163.337	23.655	1.014	.691	.657
4700.	3000.0	17900.75	1.283	4.578	14.8222	18.182	166.755	23.849	1.014	.684	.655
4750.	3000.0	18133.63	1.281	4.618	14.8879	18.230	170.172	24.042	1.014	.677	.652
4800.	3000.0	18366.50	1.279	4.657	14.9535	18.278	173.590	24.236	1.014	.670	.650
4850.	3000.0	18599.38	1.277	4.696	15.0191	18.327	177.007	24.429	1.014	.663	.648
4900.	3000.0	18832.25	1.276	4.736	15.0847	18.375	180.425	24.623	1.014	.656	.646
4950.	3000.0	19065.13	1.274	4.775	15.1504	18.424	183.842	24.816	1.014	.649	.645
5000.	3000.0	19298.00	1.272	4.815	15.2160	18.472	187.260	25.010	1.014	.643	.643

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND =(10)**4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT (LB/CU.IN)	DENSITY *(10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	3500.0	-4.77	1.253	1.625	6.9184	1.270	30.320	21.832	3.358	31.473	1.170
38.	3500.0	-1.16	1.270	1.689	6.8737	1.360	29.039	19.880	3.208	31.210	1.156
40.	3500.0	2.44	1.286	1.752	6.8413	1.450	27.758	17.928	3.058	31.103	1.132
42.	3500.0	6.01	1.303	1.814	6.8034	1.538	26.732	15.652	2.937	30.845	1.130
44.	3500.0	9.57	1.320	1.875	6.7657	1.625	25.706	15.376	2.815	30.711	1.122
46.	3500.0	13.45	1.337	1.933	6.7285	1.709	24.795	14.424	2.716	30.454	1.124
48.	3500.0	17.32	1.354	1.990	6.6914	1.793	23.884	13.471	2.616	30.297	1.123
50.	3500.0	21.41	1.372	2.046	6.6531	1.875	23.150	12.753	2.533	30.043	1.127
52.	3500.0	25.49	1.390	2.101	6.6147	1.957	22.415	12.034	2.449	29.872	1.128
54.	3500.0	29.80	1.407	2.154	6.5767	2.037	21.825	11.469	2.375	29.619	1.132
56.	3500.0	34.11	1.425	2.207	6.5386	2.116	21.236	10.903	2.308	29.434	1.133
58.	3500.0	38.62	1.443	2.258	6.4969	2.194	20.774	10.446	2.248	29.161	1.135
60.	3500.0	43.13	1.461	2.308	6.4551	2.272	20.311	9.988	2.187	28.986	1.135
62.	3500.0	47.84	1.479	2.356	6.4128	2.348	19.960	9.611	2.136	28.730	1.134
64.	3500.0	52.44	1.493	2.400	6.3793	2.422	19.507	9.223	2.084	28.528	1.135
66.	3500.0	57.43	1.511	2.441	6.3386	2.495	19.297	8.935	2.043	28.220	1.130
68.	3500.0	62.43	1.528	2.481	6.2973	2.567	19.088	8.646	2.001	27.952	1.124
70.	3500.0	67.42	1.546	2.522	6.2571	2.640	18.878	8.358	1.960	27.723	1.116
72.	3500.0	72.42	1.563	2.562	6.2164	2.713	18.669	8.070	1.919	27.530	1.108
74.	3500.0	77.41	1.581	2.603	6.1756	2.786	18.460	7.781	1.878	27.372	1.097
76.	3500.0	82.79	1.596	2.637	6.1362	2.854	18.384	7.583	1.849	27.071	1.088
78.	3500.0	88.16	1.611	2.671	6.0969	2.922	18.309	7.384	1.820	26.798	1.077
80.	3500.0	93.54	1.627	2.705	6.0575	2.990	18.234	7.186	1.791	26.552	1.066
82.	3500.0	98.91	1.642	2.739	6.0181	3.058	18.159	6.988	1.762	26.332	1.054
84.	3500.0	104.29	1.657	2.774	5.9787	3.126	18.083	6.789	1.733	26.137	1.041
86.	3500.0	109.99	1.669	2.805	5.9383	3.190	18.066	6.641	1.711	25.851	1.031
88.	3500.0	115.69	1.681	2.837	5.8978	3.254	18.048	6.494	1.690	25.586	1.021
90.	3500.0	121.39	1.693	2.869	5.8574	3.318	18.030	6.346	1.668	25.342	1.010
92.	3500.0	127.09	1.705	2.901	5.8170	3.382	18.012	6.198	1.646	25.116	.998
94.	3500.0	132.79	1.717	2.933	5.7765	3.446	17.994	6.051	1.625	24.908	.986
96.	3500.0	138.81	1.726	2.959	5.7392	3.507	18.003	5.940	1.609	24.631	.976
98.	3500.0	144.84	1.735	2.985	5.7019	3.568	18.013	5.829	1.593	24.371	.966
100.	3500.0	150.86	1.744	3.012	5.6646	3.629	18.022	5.718	1.577	24.126	.956
102.	3500.0	156.89	1.753	3.038	5.6273	3.689	18.031	5.607	1.561	23.895	.945
104.	3500.0	162.92	1.773	3.071	5.5730	3.762	17.998	5.463	1.540	23.748	.932
106.	3500.0	169.39	1.774	3.092	5.5423	3.816	18.034	5.396	1.531	23.443	.925
108.	3500.0	175.85	1.775	3.113	5.5115	3.870	18.069	5.330	1.522	23.151	.918
110.	3500.0	182.31	1.777	3.134	5.4809	3.925	18.104	5.263	1.512	22.871	.911
112.	3500.0	188.77	1.778	3.155	5.4501	3.979	18.139	5.197	1.503	22.603	.904
114.	3500.0	195.23	1.779	3.176	5.4194	4.034	18.175	5.130	1.493	22.346	.897
116.	3500.0	201.69	1.780	3.197	5.3887	4.088	18.210	5.064	1.484	22.100	.889
118.	3500.0	208.15	1.781	3.218	5.3580	4.142	18.245	4.997	1.475	21.864	.881
120.	3500.0	214.61	1.782	3.239	5.3272	4.197	18.280	4.931	1.465	21.637	.874
122.	3500.0	221.08	1.783	3.260	5.2965	4.251	18.315	4.865	1.456	21.420	.866
124.	3500.0	227.54	1.784	3.281	5.2658	4.305	18.351	4.798	1.446	21.211	.858
126.	3500.0	234.00	1.786	3.302	5.2351	4.360	18.386	4.732	1.437	21.011	.850
128.	3500.0	240.46	1.787	3.323	5.2044	4.414	18.421	4.665	1.428	20.819	.841
130.	3500.0	246.92	1.788	3.344	5.1737	4.469	18.456	4.599	1.418	20.634	.833
132.	3500.0	253.38	1.789	3.365	5.1429	4.523	18.492	4.532	1.409	20.457	.825
134.	3500.0	259.84	1.790	3.386	5.1122	4.577	18.527	4.466	1.399	20.287	.816
136.	3500.0	266.31	1.791	3.407	5.0815	4.632	18.562	4.399	1.390	20.124	.807
138.	3500.0	273.42	1.783	3.426	5.0520	4.678	18.635	4.374	1.386	19.889	.804
140.	3500.0	280.53	1.775	3.446	5.0425	4.725	18.709	4.349	1.382	19.662	.801
142.	3500.0	287.64	1.767	3.465	5.0230	4.772	18.782	4.324	1.378	19.441	.798
144.	3500.0	294.75	1.760	3.485	5.0034	4.819	18.855	4.299	1.374	19.226	.795
146.	3500.0	301.86	1.752	3.504	4.9839	4.866	18.928	4.274	1.370	19.018	.791
148.	3500.0	308.97	1.744	3.524	4.9644	4.913	19.002	4.248	1.366	18.816	.788
150.	3500.0	316.08	1.736	3.544	4.9449	4.959	19.075	4.223	1.362	18.619	.785

152.	3500.0	323.19	1.728	3.563	4.9254	5.006	19.148	4.198	1.358	18.428	.781
154.	3500.0	330.30	1.720	3.583	4.9059	5.053	19.222	4.173	1.354	18.242	.778
156.	3500.0	337.41	1.712	3.602	4.8863	5.100	19.295	4.148	1.350	18.062	.774
158.	3500.0	344.53	1.704	3.622	4.8668	5.147	19.368	4.122	1.346	17.886	.771
160.	3500.0	351.64	1.697	3.642	4.8473	5.194	19.441	4.097	1.342	17.715	.767
162.	3500.0	358.75	1.689	3.661	4.8278	5.240	19.515	4.072	1.338	17.548	.764
164.	3500.0	365.86	1.681	3.681	4.8083	5.287	19.588	4.047	1.334	17.386	.760
166.	3500.0	372.97	1.673	3.700	4.7888	5.334	19.661	4.022	1.330	17.228	.757
168.	3500.0	380.08	1.665	3.720	4.7692	5.381	19.734	3.997	1.326	17.074	.753
170.	3500.0	387.83	1.657	3.739	4.7596	5.423	19.835	3.989	1.324	16.901	.752
172.	3500.0	395.58	1.649	3.757	4.7500	5.465	19.936	3.981	1.322	16.732	.750
174.	3500.0	403.33	1.641	3.776	4.7404	5.508	20.037	3.973	1.320	16.568	.749
176.	3500.0	411.08	1.633	3.795	4.7307	5.551	20.138	3.965	1.317	16.407	.747
178.	3500.0	418.83	1.625	3.814	4.7211	5.594	20.239	3.956	1.315	16.250	.746
180.	3500.0	426.58	1.618	3.832	4.7115	5.636	20.340	3.948	1.313	16.096	.744
185.	3500.0	445.95	1.598	3.879	4.6874	5.742	20.593	3.928	1.308	15.728	.740
190.	3500.0	465.32	1.578	3.926	4.6634	5.849	20.845	3.908	1.302	15.379	.736
195.	3500.0	484.70	1.558	3.973	4.6393	5.955	21.098	3.888	1.296	15.048	.732
200.	3500.0	503.43	1.533	4.045	4.6070	6.081	21.522	3.863	1.290	14.747	.726
205.	3500.0	524.43	1.527	4.056	4.6195	6.166	21.737	3.871	1.287	14.423	.722
210.	3500.0	545.42	1.520	4.066	4.6320	6.251	21.953	3.880	1.284	14.114	.719
215.	3500.0	566.41	1.513	4.076	4.6445	6.337	22.168	3.888	1.280	13.819	.715
220.	3500.0	587.41	1.507	4.086	4.6569	6.422	22.383	3.897	1.277	13.539	.711
225.	3500.0	608.40	1.500	4.097	4.6694	6.507	22.599	3.905	1.274	13.270	.708
230.	3500.0	629.39	1.493	4.107	4.6819	6.593	22.814	3.914	1.271	13.014	.705
235.	3500.0	650.39	1.486	4.117	4.6944	6.678	23.030	3.922	1.268	12.769	.701
240.	3500.0	671.38	1.480	4.127	4.7068	6.764	23.245	3.931	1.265	12.534	.698
245.	3500.0	692.37	1.473	4.137	4.7193	6.849	23.460	3.939	1.262	12.308	.695
250.	3500.0	713.37	1.466	4.148	4.7318	6.934	23.676	3.948	1.258	12.092	.692
255.	3500.0	734.36	1.460	4.158	4.7442	7.020	23.891	3.956	1.255	11.885	.689
260.	3500.0	755.35	1.453	4.168	4.7567	7.105	24.106	3.965	1.252	11.686	.686
265.	3500.0	776.35	1.446	4.178	4.7692	7.190	24.322	3.973	1.249	11.494	.683
270.	3500.0	797.34	1.440	4.189	4.7817	7.276	24.537	3.982	1.246	11.310	.680
275.	3500.0	818.33	1.433	4.199	4.7941	7.361	24.753	3.990	1.243	11.132	.677
280.	3500.0	839.33	1.426	4.209	4.8066	7.447	24.968	3.999	1.240	10.961	.674
285.	3500.0	860.32	1.420	4.219	4.8191	7.532	25.183	4.007	1.236	10.796	.671
290.	3500.0	881.31	1.413	4.230	4.8316	7.617	25.399	4.016	1.233	10.637	.669
295.	3500.0	902.31	1.406	4.240	4.8440	7.703	25.614	4.024	1.230	10.483	.666
300.	3500.0	923.30	1.400	4.250	4.8565	7.788	25.829	4.033	1.227	10.335	.664
305.	3500.0	943.76	1.400	4.234	4.8822	7.846	25.911	4.058	1.225	10.181	.663
310.	3500.0	964.23	1.400	4.218	4.9079	7.903	25.992	4.083	1.223	10.032	.663
315.	3500.0	984.69	1.400	4.202	4.9336	7.961	26.073	4.108	1.221	9.888	.662
320.	3500.0	1005.16	1.401	4.186	4.9592	8.019	26.154	4.134	1.220	9.748	.662
325.	3500.0	1025.62	1.401	4.170	4.9849	8.077	26.236	4.159	1.218	9.613	.661
330.	3500.0	1046.09	1.401	4.154	5.0105	8.134	26.317	4.184	1.216	9.482	.661
335.	3500.0	1066.55	1.402	4.138	5.0363	8.192	26.398	4.210	1.214	9.355	.660
340.	3500.0	1087.02	1.402	4.122	5.0620	8.250	26.479	4.235	1.212	9.231	.659
345.	3500.0	1107.48	1.402	4.106	5.0877	8.307	26.561	4.260	1.210	9.112	.659
350.	3500.0	1127.95	1.402	4.090	5.1134	8.365	26.642	4.285	1.208	8.995	.658
355.	3500.0	1148.41	1.403	4.074	5.1391	8.423	26.723	4.311	1.207	8.882	.657
360.	3500.0	1168.88	1.403	4.058	5.1647	8.480	26.804	4.336	1.205	8.772	.657
365.	3500.0	1189.34	1.403	4.042	5.1904	8.538	26.886	4.361	1.203	8.666	.656
370.	3500.0	1209.81	1.403	4.027	5.2161	8.596	26.967	4.387	1.201	8.562	.655
375.	3500.0	1230.27	1.404	4.011	5.2418	8.654	27.048	4.412	1.199	8.461	.654
380.	3500.0	1250.74	1.404	3.995	5.2675	8.711	27.129	4.437	1.197	8.362	.653
385.	3500.0	1271.20	1.404	3.979	5.2932	8.769	27.211	4.462	1.195	8.267	.652
390.	3500.0	1291.67	1.405	3.963	5.3189	8.827	27.292	4.488	1.193	8.173	.652
395.	3500.0	1312.13	1.405	3.947	5.3446	8.884	27.373	4.513	1.192	8.083	.651
400.	3500.0	1334.55	1.409	3.905	5.3909	8.972	27.707	4.544	1.190	7.993	.640
420.	3500.0	1408.57	1.409	3.875	5.4754	9.110	28.178	4.649	1.185	7.647	.639
440.	3500.0	1482.60	1.409	3.846	5.5599	9.260	28.649	4.755	1.179	7.331	.638
460.	3500.0	1556.62	1.408	3.816	5.6444	9.403	29.119	4.861	1.174	7.044	.637

480.	3500.0	1630.65	1.408	3.787	5.7293	9.547	23.590	4.967	1.165	6.781	.636
500.	3500.0	1704.67	1.408	3.757	5.8135	9.691	30.061	5.073	1.164	6.539	.634
520.	3500.0	1778.69	1.408	3.727	5.8983	9.835	30.532	5.179	1.158	6.316	.632
540.	3500.0	1852.72	1.407	3.698	5.9825	9.979	31.002	5.285	1.153	6.110	.630
560.	3500.0	1926.74	1.407	3.668	6.0670	10.123	31.473	5.391	1.148	5.919	.628
580.	3500.0	2000.77	1.407	3.638	6.1515	10.267	31.944	5.497	1.143	5.741	.626
600.	3500.0	2074.79	1.407	3.609	6.2361	10.411	32.415	5.603	1.137	5.575	.624
620.	3500.0	2148.81	1.406	3.579	6.3206	10.555	32.885	5.709	1.132	5.421	.621
640.	3500.0	2222.84	1.406	3.550	6.4051	10.699	33.356	5.815	1.127	5.276	.619
660.	3500.0	2296.93	1.406	3.534	6.4823	10.815	33.865	5.919	1.123	5.133	.618
680.	3500.0	2365.10	1.405	3.531	6.5522	10.904	34.412	6.023	1.120	4.993	.618
700.	3500.0	2435.27	1.404	3.529	6.6221	10.993	34.959	6.126	1.118	4.862	.618
720.	3500.0	2505.44	1.403	3.527	6.6920	11.082	35.506	6.230	1.115	4.737	.619
740.	3500.0	2575.61	1.403	3.525	6.7619	11.171	36.053	6.333	1.113	4.619	.619
760.	3500.0	2645.77	1.402	3.523	6.8318	11.260	36.600	6.437	1.111	4.508	.620
780.	3500.0	2715.94	1.401	3.521	6.9017	11.349	37.147	6.540	1.108	4.402	.620
800.	3500.0	2786.11	1.400	3.518	6.9716	11.438	37.694	6.644	1.106	4.301	.620
820.	3500.0	2856.28	1.400	3.516	7.0415	11.527	38.241	6.747	1.103	4.206	.620
840.	3500.0	2926.45	1.399	3.514	7.1114	11.616	38.788	6.851	1.101	4.115	.621
860.	3500.0	2996.61	1.398	3.512	7.1813	11.705	39.335	6.954	1.098	4.028	.621
880.	3500.0	3066.78	1.397	3.510	7.2512	11.794	39.882	7.058	1.096	3.946	.621
900.	3500.0	3136.95	1.397	3.507	7.3211	11.883	40.428	7.161	1.093	3.867	.621
920.	3500.0	3206.97	1.396	3.506	7.3843	11.951	41.095	7.263	1.092	3.788	.620
940.	3500.0	3276.99	1.396	3.505	7.4474	12.020	41.762	7.365	1.090	3.713	.618
960.	3500.0	3347.01	1.396	3.504	7.5106	12.083	42.428	7.467	1.089	3.640	.617
980.	3500.0	3417.03	1.396	3.502	7.5737	12.157	43.095	7.569	1.087	3.571	.615
1000.	3500.0	3487.05	1.395	3.501	7.6369	12.225	43.761	7.672	1.086	3.505	.614
1050.	3500.0	3662.10	1.395	3.498	7.7947	12.396	45.428	7.927	1.082	3.349	.610
1100.	3500.0	3837.15	1.394	3.495	7.9526	12.567	47.094	8.182	1.078	3.208	.607
1150.	3500.0	4012.20	1.394	3.492	8.1105	12.738	48.761	8.437	1.074	3.080	.604
1200.	3500.0	4187.56	1.392	3.497	8.2482	12.875	49.256	8.701	1.071	2.959	.618
1250.	3500.0	4362.92	1.390	3.502	8.3860	13.013	49.751	8.965	1.069	2.848	.631
1300.	3500.0	4538.28	1.388	3.507	8.5237	13.150	50.246	9.229	1.066	2.746	.644
1350.	3500.0	4713.64	1.387	3.512	8.6615	13.287	50.741	9.493	1.063	2.651	.657
1400.	3500.0	4888.87	1.386	3.513	8.8000	13.418	50.312	9.779	1.060	2.564	.683
1450.	3500.0	5064.83	1.384	3.523	8.9308	13.525	51.738	10.018	1.058	2.479	.682
1500.	3500.0	5242.79	1.383	3.533	9.0526	13.631	53.163	10.257	1.057	2.400	.682
1550.	3500.0	5420.74	1.381	3.542	9.1745	13.737	54.589	10.496	1.055	2.327	.681
1600.	3500.0	5598.70	1.380	3.552	9.2963	13.844	56.014	10.735	1.053	2.257	.681
1650.	3500.0	5776.66	1.378	3.561	9.4182	13.950	57.440	10.973	1.052	2.192	.680
1700.	3500.0	5954.61	1.377	3.571	9.5400	14.056	58.865	11.212	1.050	2.131	.680
1750.	3500.0	6132.57	1.375	3.581	9.6618	14.163	60.291	11.451	1.048	2.074	.680
1800.	3500.0	6310.52	1.373	3.590	9.7837	14.269	61.717	11.690	1.047	2.019	.680
1850.	3500.0	6488.48	1.372	3.600	9.9055	14.375	63.142	11.929	1.045	1.968	.680
1900.	3500.0	6666.44	1.370	3.609	10.0273	14.482	64.568	12.167	1.044	1.919	.680
1950.	3500.0	6844.39	1.369	3.619	10.1492	14.588	65.993	12.406	1.042	1.872	.680
2000.	3500.0	7022.35	1.367	3.629	10.2710	14.694	67.419	12.645	1.040	1.829	.681
2050.	3500.0	7207.87	1.365	3.643	10.3926	14.775	68.935	12.867	1.039	1.785	.680
2100.	3500.0	7393.39	1.364	3.657	10.4742	14.855	70.450	13.089	1.039	1.744	.680
2150.	3500.0	7578.91	1.362	3.672	10.5758	14.935	71.966	13.311	1.038	1.705	.679
2200.	3500.0	7764.43	1.360	3.686	10.6774	15.015	73.482	13.533	1.037	1.668	.679
2250.	3500.0	7949.95	1.358	3.700	10.7790	15.095	74.997	13.755	1.036	1.632	.679
2300.	3500.0	8135.47	1.356	3.715	10.8806	15.175	76.513	13.977	1.035	1.598	.679
2350.	3500.0	8321.00	1.354	3.729	10.9822	15.256	78.029	14.200	1.034	1.565	.679
2400.	3500.0	8506.52	1.353	3.743	11.0838	15.336	79.544	14.422	1.033	1.534	.679
2450.	3500.0	8692.04	1.351	3.758	11.1854	15.416	81.060	14.644	1.033	1.504	.679
2500.	3500.0	8877.56	1.349	3.772	11.2870	15.496	82.575	14.866	1.032	1.475	.679
2550.	3500.0	9063.08	1.347	3.786	11.3886	15.576	84.091	15.088	1.031	1.447	.679
2600.	3500.0	9248.60	1.345	3.800	11.4902	15.656	85.607	15.310	1.030	1.421	.680
2650.	3500.0	9442.61	1.344	3.814	11.5807	15.723	87.164	15.522	1.030	1.394	.679
2700.	3500.0	9636.62	1.342	3.828	11.6711	15.790	88.722	15.734	1.029	1.369	.679
2750.	3500.0	9830.64	1.341	3.842	11.7615	15.857	90.279	15.946	1.028	1.345	.679

2800.	3500.0	10024.65	1.339	3.856	11.8519	15.924	91.837	16.156	1.026	1.322	.678
2850.	3500.0	10218.66	1.337	3.870	11.9423	15.991	93.395	16.370	1.027	1.299	.673
2900.	3500.0	10412.67	1.336	3.884	12.0327	16.058	94.952	16.581	1.027	1.278	.678
2950.	3500.0	10606.69	1.334	3.897	12.1232	16.125	96.510	16.793	1.026	1.257	.678
3000.	3500.0	10800.70	1.333	3.911	12.2136	16.192	98.067	17.005	1.026	1.236	.678
3050.	3500.0	10994.71	1.331	3.925	12.3040	16.259	99.625	17.217	1.025	1.217	.678
3100.	3500.0	11188.72	1.330	3.939	12.3944	16.326	101.182	17.429	1.025	1.198	.679
3150.	3500.0	11382.74	1.328	3.953	12.4848	16.393	102.740	17.641	1.024	1.179	.679
3200.	3500.0	11576.75	1.326	3.967	12.5752	16.459	104.297	17.853	1.024	1.162	.679
3250.	3500.0	11779.52	1.325	3.981	12.6656	16.517	105.975	18.057	1.023	1.144	.678
3300.	3500.0	11982.29	1.324	3.996	12.7560	16.575	107.652	18.261	1.023	1.127	.678
3350.	3500.0	12185.06	1.322	4.010	12.8464	16.633	109.330	18.465	1.022	1.111	.677
3400.	3500.0	12387.83	1.321	4.025	12.9368	16.690	111.007	18.669	1.022	1.095	.677
3450.	3500.0	12590.60	1.320	4.040	13.0272	16.748	112.685	18.873	1.022	1.079	.677
3500.	3500.0	12793.38	1.318	4.054	13.1176	16.806	114.362	19.077	1.021	1.064	.676
3550.	3500.0	12996.15	1.317	4.069	13.2080	16.864	116.040	19.281	1.021	1.050	.676
3600.	3500.0	13198.92	1.315	4.083	13.2984	16.921	117.717	19.485	1.021	1.035	.676
3650.	3500.0	13401.69	1.314	4.098	13.3888	16.979	119.395	19.689	1.020	1.021	.676
3700.	3500.0	13604.46	1.313	4.112	13.4792	17.037	121.072	19.893	1.020	1.008	.676
3750.	3500.0	13807.23	1.311	4.127	13.5696	17.095	122.750	20.097	1.020	.995	.676
3800.	3500.0	14012.00	1.310	4.141	13.6600	17.153	124.427	20.299	1.019	.982	.676
3850.	3500.0	14222.09	1.309	4.155	13.7504	17.211	126.105	20.498	1.019	.970	.675
3900.	3500.0	14432.19	1.307	4.170	13.8408	17.269	127.782	20.698	1.019	.957	.674
3950.	3500.0	14642.28	1.306	4.184	13.9312	17.327	129.460	20.897	1.019	.946	.673
4000.	3500.0	14852.38	1.304	4.200	14.0216	17.385	131.137	21.096	1.018	.934	.673
4050.	3500.0	15062.47	1.303	4.214	14.1120	17.443	132.815	21.296	1.018	.923	.672
4100.	3500.0	15272.56	1.302	4.229	14.2024	17.501	134.492	21.495	1.018	.912	.671
4150.	3500.0	15482.66	1.300	4.243	14.2928	17.559	136.170	21.695	1.018	.901	.671
4200.	3500.0	15692.75	1.299	4.258	14.3832	17.617	137.847	21.894	1.017	.890	.671
4250.	3500.0	15911.50	1.297	4.272	14.4736	17.675	139.525	22.090	1.017	.880	.669
4300.	3500.0	16130.25	1.296	4.287	14.5640	17.733	141.202	22.286	1.017	.870	.667
4350.	3500.0	16349.00	1.294	4.301	14.6544	17.791	142.880	22.482	1.017	.860	.666
4400.	3500.0	16567.75	1.293	4.316	14.7448	17.849	144.557	22.678	1.017	.850	.665
4450.	3500.0	16786.50	1.291	4.330	14.8352	17.907	146.235	22.874	1.017	.841	.664
4500.	3500.0	17005.25	1.290	4.345	14.9256	17.965	147.912	23.070	1.016	.832	.663
4550.	3500.0	17224.00	1.288	4.359	15.0160	18.023	149.590	23.266	1.016	.823	.662
4600.	3500.0	17442.75	1.286	4.374	15.1064	18.081	151.267	23.462	1.016	.814	.661
4650.	3500.0	17674.72	1.285	4.388	15.1968	18.139	152.945	23.658	1.016	.805	.658
4700.	3500.0	17906.69	1.283	4.403	15.2872	18.197	154.622	23.849	1.016	.797	.656
4750.	3500.0	18138.66	1.281	4.417	15.3776	18.255	156.300	24.042	1.016	.788	.653
4800.	3500.0	18370.63	1.280	4.432	15.4680	18.313	157.977	24.236	1.016	.780	.651
4850.	3500.0	18602.59	1.278	4.446	15.5584	18.371	159.655	24.429	1.016	.772	.649
4900.	3500.0	18834.56	1.276	4.460	15.6488	18.429	161.332	24.623	1.016	.764	.648
4950.	3500.0	19066.53	1.274	4.475	15.7392	18.487	163.010	24.816	1.016	.756	.646
5000.	3500.0	19298.50	1.273	4.489	15.8296	18.545	164.687	25.009	1.016	.749	.644

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (110)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (110)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (110)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY * (110)**4 (LB/CC.IN)	FRANZTL NUMBER
R=9200											
36.	4000.0	10.09	1.236	1.602	7.1522	1.214	34.109	24.009	3.785	31.910	1.128
38.	4000.0	13.88	1.251	1.660	7.3181	1.304	32.613	21.801	3.614	31.656	1.110
40.	4000.0	17.67	1.265	1.717	7.0840	1.394	31.117	19.534	3.444	31.562	1.081
42.	4000.0	21.09	1.281	1.777	7.0438	1.481	29.915	18.187	3.305	31.319	1.080
44.	4000.0	24.51	1.297	1.836	7.0035	1.569	28.714	16.780	3.167	31.204	1.073
46.	4000.0	28.31	1.312	1.891	6.9713	1.650	27.569	15.721	3.053	30.957	1.078
48.	4000.0	32.12	1.327	1.946	6.9390	1.732	26.424	14.662	2.940	30.813	1.080
50.	4000.0	36.11	1.343	1.999	6.9032	1.812	25.492	13.871	2.844	30.571	1.088
52.	4000.0	40.10	1.359	2.052	6.8674	1.892	24.560	13.081	2.749	30.414	1.093
54.	4000.0	44.30	1.374	2.102	6.8355	1.970	23.794	12.462	2.668	30.174	1.101
56.	4000.0	48.51	1.390	2.152	6.8056	2.048	23.028	11.844	2.588	30.005	1.107
58.	4000.0	52.90	1.405	2.200	6.7653	2.124	22.415	11.346	2.518	29.766	1.114
60.	4000.0	57.30	1.421	2.247	6.7270	2.200	21.802	10.849	2.449	29.587	1.118
62.	4000.0	61.88	1.437	2.293	6.5870	2.274	21.325	10.441	2.390	29.346	1.123
64.	4000.0	66.45	1.456	2.344	6.6409	2.351	20.935	10.006	2.326	29.208	1.120
66.	4000.0	71.32	1.471	2.383	6.5029	2.422	20.619	9.696	2.278	28.913	1.121
68.	4000.0	76.19	1.487	2.422	6.5553	2.493	20.304	9.385	2.231	28.661	1.119
70.	4000.0	81.06	1.502	2.461	6.5271	2.564	19.989	9.075	2.183	28.448	1.117
72.	4000.0	85.94	1.518	2.499	6.4892	2.635	19.673	8.764	2.136	28.273	1.113
74.	4000.0	90.81	1.533	2.538	6.4512	2.706	19.358	8.454	2.088	28.134	1.108
76.	4000.0	96.05	1.547	2.571	6.4144	2.772	19.225	8.241	2.054	27.848	1.102
78.	4000.0	101.29	1.561	2.604	6.3775	2.839	19.093	8.027	2.020	27.591	1.095
80.	4000.0	106.53	1.575	2.635	6.3408	2.905	18.961	7.814	1.986	27.362	1.086
82.	4000.0	111.78	1.589	2.669	6.3040	2.972	18.828	7.601	1.952	27.160	1.077
84.	4000.0	117.02	1.603	2.702	6.2672	3.038	18.696	7.387	1.918	26.983	1.068
86.	4000.0	122.57	1.614	2.732	6.2298	3.101	18.654	7.222	1.893	26.712	1.059
88.	4000.0	128.12	1.625	2.763	6.1924	3.163	18.612	7.065	1.867	26.463	1.049
90.	4000.0	133.67	1.636	2.794	6.1551	3.225	18.570	6.905	1.841	26.235	1.039
92.	4000.0	139.22	1.647	2.824	6.1177	3.288	18.528	6.750	1.816	26.027	1.029
94.	4000.0	144.77	1.658	2.855	6.0803	3.350	18.485	6.591	1.750	25.837	1.018
96.	4000.0	150.64	1.667	2.881	6.0455	3.409	18.490	6.470	1.771	25.576	1.008
98.	4000.0	156.51	1.675	2.905	6.0107	3.468	18.494	6.350	1.751	25.332	.998
100.	4000.0	162.38	1.684	2.932	5.9760	3.528	18.499	6.225	1.732	25.103	.987
102.	4000.0	168.24	1.692	2.958	5.9412	3.587	18.503	6.105	1.713	24.890	.976
104.	4000.0	173.51	1.703	2.977	5.9155	3.645	18.496	5.961	1.689	24.750	.960
106.	4000.0	179.80	1.705	3.000	5.8845	3.698	18.538	5.886	1.677	24.458	.953
108.	4000.0	186.08	1.707	3.022	5.8534	3.751	18.579	5.812	1.665	24.179	.945
110.	4000.0	192.37	1.709	3.044	5.8224	3.804	18.621	5.738	1.653	23.912	.938
112.	4000.0	198.66	1.711	3.065	5.7913	3.857	18.663	5.664	1.641	23.657	.931
114.	4000.0	204.94	1.713	3.083	5.7602	3.910	18.705	5.590	1.629	23.414	.923
116.	4000.0	211.23	1.715	3.110	5.7291	3.963	18.746	5.516	1.617	23.182	.915
118.	4000.0	217.52	1.717	3.133	5.6981	4.016	18.788	5.441	1.605	22.960	.907
120.	4000.0	223.81	1.719	3.155	5.6670	4.069	18.830	5.367	1.593	22.748	.899
122.	4000.0	230.09	1.721	3.177	5.6359	4.121	18.872	5.293	1.581	22.546	.891
124.	4000.0	236.38	1.723	3.199	5.6048	4.174	18.913	5.219	1.569	22.352	.883
126.	4000.0	242.67	1.725	3.221	5.5738	4.227	18.955	5.145	1.557	22.168	.874
128.	4000.0	248.95	1.727	3.243	5.5427	4.280	18.997	5.071	1.545	21.991	.866
130.	4000.0	255.24	1.729	3.265	5.5115	4.333	19.039	4.995	1.533	21.823	.857
132.	4000.0	261.53	1.731	3.288	5.4805	4.386	19.080	4.922	1.520	21.663	.848
134.	4000.0	267.81	1.734	3.310	5.4495	4.439	19.122	4.843	1.508	21.510	.839
136.	4000.0	274.10	1.736	3.332	5.4184	4.492	19.164	4.774	1.496	21.364	.830
138.	4000.0	281.10	1.729	3.354	5.3950	4.533	19.245	4.743	1.491	21.134	.827
140.	4000.0	288.09	1.723	3.376	5.3737	4.584	19.325	4.712	1.485	20.911	.823
142.	4000.0	295.09	1.717	3.398	5.3513	4.630	19.406	4.682	1.479	20.695	.820
144.	4000.0	302.09	1.711	3.415	5.3283	4.676	19.487	4.651	1.474	20.486	.816
146.	4000.0	309.08	1.704	3.441	5.3065	4.722	19.568	4.620	1.468	20.283	.813
148.	4000.0	316.08	1.698	3.463	5.2842	4.768	19.648	4.589	1.463	20.086	.809
150.	4000.0	323.08	1.692	3.485	5.2619	4.814	19.729	4.558	1.457	19.895	.805

152.	4000.0	330.07	1.686	3.507	5.2375	4.860	19.810	4.528	1.451	19.709	.802
154.	4000.0	337.07	1.679	3.529	5.2171	4.907	19.891	4.497	1.446	19.529	.798
156.	4000.0	344.07	1.673	3.551	5.1948	4.953	19.971	4.466	1.440	19.354	.794
158.	4000.0	351.07	1.667	3.573	5.1724	4.999	20.052	4.435	1.434	19.184	.790
160.	4000.0	358.06	1.661	3.595	5.1500	5.045	20.133	4.405	1.429	19.019	.786
162.	4000.0	365.06	1.655	3.617	5.1277	5.091	20.214	4.374	1.423	18.859	.783
164.	4000.0	372.06	1.648	3.639	5.1053	5.137	20.294	4.343	1.417	18.703	.779
166.	4000.0	379.05	1.642	3.660	5.0830	5.183	20.375	4.312	1.412	18.552	.775
168.	4000.0	386.05	1.636	3.682	5.0606	5.229	20.456	4.281	1.406	18.404	.771
170.	4000.0	393.74	1.629	3.703	5.0481	5.271	20.560	4.269	1.403	18.231	.769
172.	4000.0	401.44	1.622	3.723	5.0356	5.314	20.665	4.257	1.400	18.061	.767
174.	4000.0	409.13	1.615	3.744	5.0231	5.356	20.769	4.245	1.396	17.896	.765
176.	4000.0	416.82	1.608	3.764	5.0106	5.398	20.873	4.233	1.393	17.735	.763
178.	4000.0	424.52	1.601	3.785	4.9981	5.440	20.978	4.221	1.390	17.577	.762
180.	4000.0	432.21	1.595	3.805	4.9856	5.483	21.082	4.210	1.386	17.423	.760
185.	4000.0	451.44	1.577	3.856	4.9543	5.588	21.343	4.180	1.378	17.054	.755
190.	4000.0	470.67	1.560	3.908	4.9230	5.694	21.603	4.150	1.370	16.706	.751
195.	4000.0	489.91	1.543	3.959	4.8918	5.799	21.864	4.120	1.361	16.377	.746
200.	4000.0	508.47	1.522	4.038	4.8503	5.924	22.303	4.079	1.351	16.085	.738
205.	4000.0	529.50	1.516	4.049	4.8592	6.010	22.504	4.083	1.347	15.743	.735
210.	4000.0	550.53	1.510	4.061	4.8681	6.095	22.706	4.086	1.343	15.418	.731
215.	4000.0	571.56	1.504	4.072	4.8770	6.181	22.907	4.090	1.339	15.108	.727
220.	4000.0	592.60	1.498	4.084	4.8858	6.265	23.109	4.094	1.334	14.812	.723
225.	4000.0	613.63	1.492	4.095	4.8947	6.352	23.310	4.098	1.330	14.530	.720
230.	4000.0	634.66	1.486	4.107	4.9036	6.437	23.512	4.101	1.326	14.260	.716
235.	4000.0	655.69	1.480	4.118	4.9125	6.523	23.713	4.105	1.321	14.002	.713
240.	4000.0	676.72	1.474	4.129	4.9214	6.608	23.915	4.109	1.317	13.756	.709
245.	4000.0	697.75	1.468	4.141	4.9303	6.694	24.116	4.113	1.313	13.519	.706
250.	4000.0	718.78	1.462	4.152	4.9391	6.779	24.317	4.116	1.308	13.293	.703
255.	4000.0	739.82	1.456	4.164	4.9480	6.865	24.519	4.120	1.304	13.075	.700
260.	4000.0	760.85	1.450	4.175	4.9569	6.950	24.720	4.124	1.300	12.866	.697
265.	4000.0	781.88	1.444	4.187	4.9658	7.036	24.922	4.128	1.295	12.665	.693
270.	4000.0	802.91	1.438	4.198	4.9747	7.121	25.123	4.131	1.291	12.472	.690
275.	4000.0	823.94	1.432	4.210	4.9836	7.207	25.325	4.135	1.287	12.287	.687
280.	4000.0	844.97	1.426	4.221	4.9925	7.292	25.526	4.139	1.282	12.108	.684
285.	4000.0	866.01	1.420	4.233	5.0013	7.378	25.728	4.142	1.278	11.936	.682
290.	4000.0	887.04	1.414	4.244	5.0102	7.463	25.929	4.146	1.274	11.770	.679
295.	4000.0	908.07	1.408	4.256	5.0191	7.549	26.131	4.150	1.270	11.609	.676
300.	4000.0	929.10	1.402	4.267	5.0280	7.634	26.332	4.154	1.265	11.455	.673
305.	4000.0	949.64	1.403	4.251	5.0525	7.692	26.405	4.177	1.263	11.287	.672
310.	4000.0	970.18	1.403	4.235	5.0769	7.750	26.479	4.200	1.261	11.125	.672
315.	4000.0	990.72	1.403	4.218	5.1014	7.808	26.552	4.224	1.258	10.969	.671
320.	4000.0	1011.26	1.403	4.202	5.1259	7.866	26.625	4.247	1.256	10.817	.670
325.	4000.0	1031.80	1.404	4.186	5.1504	7.924	26.698	4.271	1.254	10.670	.670
330.	4000.0	1052.34	1.404	4.170	5.1748	7.982	26.772	4.294	1.252	10.527	.669
335.	4000.0	1072.88	1.404	4.154	5.1993	8.040	26.845	4.317	1.249	10.389	.668
340.	4000.0	1093.42	1.404	4.137	5.2238	8.098	26.918	4.341	1.247	10.255	.667
345.	4000.0	1113.96	1.405	4.121	5.2483	8.156	26.992	4.364	1.245	10.125	.666
350.	4000.0	1134.50	1.405	4.105	5.2727	8.214	27.065	4.388	1.242	9.999	.665
355.	4000.0	1155.04	1.405	4.089	5.2972	8.271	27.138	4.411	1.240	9.876	.665
360.	4000.0	1175.58	1.405	4.073	5.3217	8.329	27.212	4.434	1.238	9.757	.664
365.	4000.0	1196.12	1.406	4.056	5.3462	8.387	27.285	4.458	1.236	9.641	.663
370.	4000.0	1216.66	1.406	4.040	5.3706	8.445	27.358	4.481	1.233	9.528	.662
375.	4000.0	1237.20	1.406	4.024	5.3951	8.503	27.431	4.505	1.231	9.419	.661
380.	4000.0	1257.74	1.407	4.008	5.4195	8.561	27.505	4.528	1.229	9.312	.660
385.	4000.0	1278.28	1.407	3.992	5.4441	8.619	27.578	4.551	1.226	9.208	.659
390.	4000.0	1298.82	1.407	3.975	5.4685	8.677	27.651	4.575	1.224	9.107	.658
395.	4000.0	1319.36	1.407	3.959	5.4930	8.735	27.725	4.598	1.222	9.008	.657
400.	4000.0	1341.80	1.412	3.917	5.5393	8.822	28.061	4.625	1.220	8.912	.646
420.	4000.0	1416.06	1.412	3.887	5.5206	8.967	28.537	4.727	1.213	8.531	.644
440.	4000.0	1490.31	1.411	3.857	5.7018	9.111	29.013	4.830	1.207	8.186	.642
460.	4000.0	1564.57	1.411	3.827	5.7831	9.255	29.489	4.932	1.201	7.871	.640

480.	4000.0	1638.82	1.410	3.797	5.3643	9.400	29.965	5.035	1.195	7.582	.638
500.	4000.0	1713.08	1.410	3.767	5.9455	9.544	30.441	5.157	1.188	7.317	.636
520.	4000.0	1787.34	1.409	3.737	6.0268	9.689	30.917	5.240	1.182	7.073	.633
540.	4000.0	1861.59	1.409	3.707	6.1081	9.833	31.393	5.342	1.176	6.847	.631
560.	4000.0	1935.85	1.408	3.677	5.1893	9.977	31.869	5.445	1.170	6.638	.628
580.	4000.0	2010.10	1.408	3.647	5.2706	10.122	32.345	5.547	1.163	6.444	.625
600.	4000.0	2084.36	1.407	3.616	5.3519	10.266	32.821	5.650	1.157	6.263	.623
620.	4000.0	2158.62	1.407	3.586	5.4331	10.410	33.297	5.752	1.151	6.094	.620
640.	4000.0	2232.87	1.407	3.556	5.5144	10.555	33.773	5.855	1.145	5.936	.617
660.	4000.0	2305.13	1.406	3.540	5.5892	10.672	34.285	5.957	1.140	5.779	.615
680.	4000.0	2375.40	1.405	3.538	5.6576	10.761	34.834	6.060	1.137	5.623	.615
700.	4000.0	2445.66	1.404	3.535	5.7259	10.850	35.382	6.162	1.134	5.475	.616
720.	4000.0	2515.92	1.404	3.533	5.7943	10.939	35.930	6.264	1.132	5.337	.616
740.	4000.0	2586.19	1.403	3.530	5.8627	11.028	36.479	6.367	1.129	5.205	.616
760.	4000.0	2656.45	1.402	3.528	5.9311	11.117	37.027	6.469	1.126	5.081	.616
780.	4000.0	2726.72	1.401	3.525	6.9994	11.206	37.576	6.571	1.123	4.963	.617
800.	4000.0	2796.98	1.400	3.523	7.0573	11.295	38.124	6.674	1.120	4.851	.617
820.	4000.0	2867.24	1.400	3.521	7.1362	11.385	38.672	6.776	1.117	4.745	.617
840.	4000.0	2937.51	1.399	3.518	7.2046	11.474	39.221	6.878	1.115	4.644	.617
860.	4000.0	3007.77	1.398	3.516	7.2729	11.563	39.769	6.980	1.112	4.547	.617
880.	4000.0	3078.04	1.397	3.513	7.3413	11.652	40.318	7.083	1.109	4.455	.617
900.	4000.0	3148.30	1.396	3.511	7.4097	11.741	40.866	7.185	1.106	4.367	.617
920.	4000.0	3218.57	1.396	3.510	7.4719	11.809	41.535	7.287	1.104	4.279	.616
940.	4000.0	3288.84	1.396	3.508	7.5342	11.878	42.204	7.388	1.103	4.194	.614
960.	4000.0	3358.52	1.396	3.507	7.5964	11.946	42.873	7.490	1.101	4.114	.613
980.	4000.0	3428.59	1.395	3.505	7.6586	12.015	43.542	7.591	1.099	4.036	.611
1000.	4000.0	3498.66	1.395	3.504	7.7209	12.083	44.211	7.693	1.098	3.962	.610
1050.	4000.0	3673.84	1.394	3.501	7.8764	12.255	45.883	7.947	1.093	3.788	.606
1100.	4000.0	3849.02	1.394	3.497	8.0323	12.425	47.556	8.201	1.089	3.630	.603
1150.	4000.0	4024.20	1.393	3.494	8.1876	12.597	49.228	8.455	1.084	3.486	.600
1200.	4000.0	4199.68	1.391	3.499	8.3233	12.734	49.642	8.716	1.081	3.351	.614
1250.	4000.0	4375.16	1.390	3.504	8.4591	12.872	50.057	8.977	1.078	3.226	.628
1300.	4000.0	4550.64	1.388	3.509	8.5948	13.009	50.471	9.238	1.075	3.111	.642
1350.	4000.0	4726.12	1.386	3.514	8.7306	13.147	50.886	9.499	1.072	3.005	.656
1400.	4000.0	4899.45	1.385	3.515	8.8754	13.305	50.312	9.779	1.068	2.907	.683
1450.	4000.0	5077.44	1.383	3.524	8.9962	13.411	51.738	10.018	1.066	2.812	.682
1500.	4000.0	5255.42	1.382	3.534	9.1165	13.518	53.163	10.257	1.065	2.723	.682
1550.	4000.0	5433.41	1.380	3.543	9.2376	13.624	54.589	10.496	1.063	2.640	.681
1600.	4000.0	5611.40	1.379	3.553	9.3585	13.730	56.014	10.735	1.061	2.562	.681
1650.	4000.0	5789.35	1.377	3.562	9.4793	13.837	57.440	10.973	1.059	2.488	.681
1700.	4000.0	5967.37	1.376	3.572	9.5997	13.943	58.865	11.212	1.057	2.419	.680
1750.	4000.0	6145.36	1.374	3.581	9.7204	14.049	60.291	11.451	1.055	2.354	.680
1800.	4000.0	6323.35	1.373	3.591	9.8411	14.156	61.717	11.690	1.053	2.293	.680
1850.	4000.0	6501.34	1.371	3.600	9.9619	14.262	63.142	11.929	1.052	2.235	.680
1900.	4000.0	6679.32	1.370	3.610	10.0826	14.368	64.568	12.167	1.050	2.180	.680
1950.	4000.0	6857.31	1.368	3.619	10.2033	14.475	65.993	12.406	1.048	2.128	.680
2000.	4000.0	7035.30	1.367	3.629	10.3243	14.581	67.419	12.645	1.046	2.078	.681
2050.	4000.0	7220.82	1.365	3.643	10.4249	14.661	68.935	12.887	1.045	2.030	.680
2100.	4000.0	7406.33	1.363	3.657	10.5257	14.741	70.450	13.089	1.044	1.983	.680
2150.	4000.0	7591.85	1.361	3.672	10.6265	14.821	71.966	13.311	1.043	1.939	.679
2200.	4000.0	7777.37	1.359	3.686	10.7275	14.902	73.481	13.533	1.042	1.897	.679
2250.	4000.0	7962.88	1.357	3.700	10.8284	14.982	74.997	13.755	1.041	1.856	.679
2300.	4000.0	8148.40	1.356	3.715	10.9292	15.062	76.513	13.977	1.040	1.817	.679
2350.	4000.0	8333.92	1.354	3.729	11.0301	15.142	78.028	14.200	1.039	1.780	.679
2400.	4000.0	8519.43	1.352	3.743	11.1310	15.222	79.544	14.422	1.038	1.745	.679
2450.	4000.0	8704.95	1.350	3.757	11.2319	15.302	81.060	14.644	1.037	1.711	.679
2500.	4000.0	8890.47	1.348	3.772	11.3327	15.383	82.575	14.866	1.036	1.678	.679
2550.	4000.0	9075.98	1.346	3.786	11.4336	15.463	84.091	15.088	1.035	1.647	.679
2600.	4000.0	9261.50	1.345	3.800	11.5345	15.543	85.606	15.310	1.034	1.617	.680
2650.	4000.0	9455.50	1.343	3.814	11.6244	15.610	87.164	15.522	1.034	1.587	.679
2700.	4000.0	9649.53	1.341	3.828	11.7143	15.677	88.721	15.734	1.033	1.559	.679
2750.	4000.0	9843.53	1.340	3.842	11.8042	15.744	90.279	15.946	1.032	1.531	.679

2800.	4000.0	10037.50	1.338	3.856	11.8942	15.811	91.836	16.158	1.032	1.505	.678
2850.	4000.0	10231.50	1.337	3.869	11.9841	15.878	93.393	16.370	1.031	1.479	.678
2900.	4000.0	10425.50	1.335	3.883	12.0740	15.944	94.951	16.581	1.031	1.455	.673
2950.	4000.0	10619.50	1.334	3.897	12.1539	15.011	96.508	16.793	1.030	1.431	.678
3000.	4000.0	10813.50	1.332	3.911	12.2533	16.078	98.065	17.005	1.029	1.408	.673
3050.	4000.0	11007.50	1.331	3.925	12.3437	16.145	99.623	17.217	1.029	1.386	.678
3100.	4000.0	11201.50	1.329	3.939	12.4337	16.212	101.180	17.429	1.028	1.364	.678
3150.	4000.0	11395.50	1.328	3.952	12.5236	16.279	102.738	17.641	1.027	1.343	.679
3200.	4000.0	11589.50	1.326	3.965	12.6135	16.346	104.295	17.853	1.027	1.323	.679
3250.	4000.0	11792.21	1.325	3.981	12.6948	16.404	105.967	18.057	1.026	1.303	.678
3300.	4000.0	11994.92	1.323	3.995	12.7762	16.461	107.638	18.261	1.026	1.284	.678
3350.	4000.0	12197.63	1.322	4.010	12.8575	16.519	109.310	18.465	1.026	1.265	.677
3400.	4000.0	12400.33	1.320	4.024	12.9388	16.577	110.982	18.669	1.025	1.247	.677
3450.	4000.0	12603.04	1.319	4.038	13.0202	16.635	112.653	18.873	1.025	1.230	.677
3500.	4000.0	12805.75	1.318	4.053	13.1015	16.692	114.325	19.077	1.024	1.213	.676
3550.	4000.0	13008.46	1.316	4.067	13.1828	16.750	115.997	19.281	1.024	1.196	.676
3600.	4000.0	13211.17	1.315	4.082	13.2642	16.808	117.668	19.485	1.024	1.180	.676
3650.	4000.0	13413.88	1.314	4.096	13.3455	16.865	119.340	19.689	1.023	1.164	.676
3700.	4000.0	13616.58	1.312	4.111	13.4268	16.923	121.012	19.893	1.023	1.149	.676
3750.	4000.0	13819.29	1.311	4.125	13.5082	16.981	122.683	20.097	1.022	1.134	.676
3800.	4000.0	14024.00	1.310	4.139	13.5875	17.036	124.355	20.299	1.022	1.119	.676
3850.	4000.0	14233.94	1.308	4.157	13.6631	17.039	126.267	20.498	1.022	1.105	.675
3900.	4000.0	14443.88	1.307	4.174	13.7386	17.142	128.180	20.698	1.021	1.091	.674
3950.	4000.0	14653.81	1.306	4.192	13.8142	17.195	130.092	20.897	1.021	1.078	.673
4000.	4000.0	14863.75	1.304	4.209	13.8897	17.247	132.005	21.096	1.021	1.065	.673
4050.	4000.0	15073.69	1.303	4.227	13.9653	17.300	133.917	21.296	1.021	1.052	.672
4100.	4000.0	15283.63	1.302	4.244	14.0409	17.353	135.830	21.495	1.020	1.039	.672
4150.	4000.0	15493.55	1.300	4.262	14.1164	17.405	137.742	21.695	1.020	1.027	.671
4200.	4000.0	15703.50	1.299	4.279	14.1920	17.458	139.655	21.894	1.020	1.015	.671
4250.	4000.0	15921.88	1.297	4.304	14.2624	17.508	142.042	22.090	1.020	1.003	.669
4300.	4000.0	16140.25	1.296	4.329	14.3327	17.557	144.430	22.286	1.019	.992	.668
4350.	4000.0	16358.63	1.294	4.353	14.4031	17.607	146.817	22.482	1.019	.981	.667
4400.	4000.0	16577.00	1.293	4.378	14.4735	17.657	149.205	22.678	1.019	.970	.665
4450.	4000.0	16795.38	1.291	4.403	14.5439	17.706	151.592	22.874	1.019	.959	.664
4500.	4000.0	17013.75	1.290	4.427	14.6142	17.756	153.980	23.070	1.019	.948	.663
4550.	4000.0	17232.13	1.288	4.452	14.6846	17.806	156.367	23.266	1.018	.938	.662
4600.	4000.0	17450.50	1.287	4.476	14.7550	17.855	158.755	23.462	1.018	.928	.662
4650.	4000.0	17681.56	1.285	4.513	14.8207	17.903	161.195	23.655	1.018	.918	.659
4700.	4000.0	17912.63	1.283	4.549	14.8865	17.951	163.635	23.849	1.018	.909	.657
4750.	4000.0	18143.69	1.282	4.586	14.9522	17.999	166.075	24.042	1.018	.899	.654
4800.	4000.0	18374.75	1.280	4.622	15.0180	18.047	168.515	24.235	1.018	.890	.652
4850.	4000.0	18605.81	1.278	4.659	15.0837	18.095	170.955	24.425	1.018	.881	.651
4900.	4000.0	18836.88	1.277	4.695	15.1495	18.143	173.395	24.622	1.018	.872	.649
4950.	4000.0	19067.94	1.275	4.732	15.2152	18.191	175.835	24.816	1.018	.863	.647
5000.	4000.0	19299.00	1.273	4.768	15.2810	18.239	178.275	25.009	1.018	.854	.646

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	COMP. FACTOR PV/RT	DENSITY * (10)**4 (LB/CU.IN)	FRANDTL NUMBER R=9200
36.	4500.0	24.72	1.213	1.564	7.3107	1.196	42.046	26.881	4.173	32.558	1.000
38.	4500.0	28.43	1.230	1.625	7.2815	1.282	39.234	24.107	3.991	32.254	.998
40.	4500.0	32.15	1.247	1.685	7.2522	1.367	36.423	21.332	3.808	32.109	.987
42.	4500.0	35.77	1.263	1.745	7.2247	1.443	34.681	19.701	3.656	31.853	.991
44.	4500.0	39.39	1.280	1.805	7.1972	1.513	32.938	18.070	3.504	31.725	.990
46.	4500.0	43.08	1.294	1.860	7.1749	1.600	31.563	16.920	3.377	31.492	.997
48.	4500.0	46.78	1.309	1.915	7.1526	1.683	30.188	15.771	3.245	31.363	1.001
50.	4500.0	50.72	1.322	1.967	7.1152	1.761	28.993	14.908	3.142	31.130	1.011
52.	4500.0	54.65	1.336	2.018	7.0798	1.840	27.797	14.045	3.036	30.984	1.020
54.	4500.0	58.78	1.351	2.066	7.0438	1.916	26.808	13.379	2.945	30.755	1.031
56.	4500.0	62.91	1.365	2.113	7.0077	1.993	25.818	12.712	2.855	30.598	1.040
58.	4500.0	67.23	1.380	2.160	6.9797	2.067	24.998	12.178	2.777	30.370	1.052
60.	4500.0	71.54	1.396	2.207	6.9517	2.142	24.177	11.643	2.699	30.203	1.063
62.	4500.0	76.05	1.410	2.251	6.9190	2.214	23.516	11.207	2.632	29.973	1.073
64.	4500.0	80.50	1.424	2.296	6.8854	2.287	22.754	10.757	2.563	29.818	1.086
66.	4500.0	85.27	1.439	2.334	6.8508	2.357	22.308	10.426	2.505	29.534	1.091
68.	4500.0	90.04	1.453	2.372	6.8152	2.426	21.861	10.095	2.456	29.294	1.095
70.	4500.0	94.82	1.467	2.409	6.7816	2.496	21.415	9.764	2.402	29.094	1.098
72.	4500.0	99.59	1.481	2.447	6.7470	2.565	20.968	9.434	2.348	28.934	1.101
74.	4500.0	104.36	1.495	2.484	6.7124	2.635	20.522	9.103	2.294	28.812	1.102
76.	4500.0	109.49	1.507	2.516	6.6752	2.700	20.311	8.876	2.255	28.537	1.100
78.	4500.0	114.62	1.520	2.548	6.6380	2.765	20.100	8.649	2.216	28.293	1.096
80.	4500.0	119.74	1.532	2.579	6.6008	2.830	19.889	8.423	2.178	28.078	1.092
82.	4500.0	124.87	1.545	2.611	6.5637	2.894	19.678	8.196	2.135	27.891	1.088
84.	4500.0	130.00	1.557	2.643	6.5265	2.959	19.467	7.969	2.100	27.731	1.082
86.	4500.0	135.43	1.568	2.672	6.4910	3.021	19.382	7.799	2.070	27.473	1.075
88.	4500.0	140.85	1.578	2.702	6.4556	3.082	19.298	7.629	2.041	27.237	1.068
90.	4500.0	146.28	1.588	2.731	6.4202	3.143	19.214	7.459	2.011	27.022	1.060
92.	4500.0	151.71	1.598	2.761	6.3847	3.204	19.130	7.289	1.982	26.829	1.052
94.	4500.0	157.14	1.608	2.791	6.3493	3.265	19.045	7.119	1.952	26.655	1.043
96.	4500.0	162.87	1.617	2.816	6.3168	3.322	19.033	6.989	1.925	26.406	1.034
98.	4500.0	168.61	1.625	2.841	6.2843	3.380	19.020	6.860	1.907	26.175	1.025
100.	4500.0	174.34	1.633	2.866	6.2518	3.438	19.007	6.730	1.884	25.960	1.015
102.	4500.0	180.08	1.641	2.892	6.2193	3.496	18.994	6.601	1.862	25.760	1.005
104.	4500.0	185.50	1.655	2.918	6.1818	3.560	18.959	6.438	1.833	25.657	.991
106.	4500.0	191.67	1.658	2.940	6.1518	3.611	19.000	6.357	1.819	25.372	.984
108.	4500.0	197.84	1.660	2.962	6.1218	3.663	19.041	6.276	1.804	25.101	.976
110.	4500.0	204.01	1.662	2.985	6.0919	3.715	19.082	6.195	1.790	24.843	.969
112.	4500.0	210.18	1.665	3.007	6.0619	3.767	19.123	6.113	1.775	24.597	.961
114.	4500.0	216.35	1.667	3.029	6.0319	3.819	19.164	6.032	1.761	24.363	.954
116.	4500.0	222.52	1.669	3.051	6.0019	3.871	19.204	5.951	1.747	24.141	.946
118.	4500.0	228.69	1.671	3.074	5.9720	3.923	19.245	5.870	1.732	23.929	.938
120.	4500.0	234.86	1.674	3.096	5.9420	3.975	19.286	5.789	1.718	23.727	.929
122.	4500.0	241.03	1.676	3.118	5.9120	4.027	19.327	5.708	1.703	23.536	.921
124.	4500.0	247.20	1.678	3.141	5.8820	4.079	19.368	5.627	1.689	23.354	.912
126.	4500.0	253.36	1.681	3.163	5.8520	4.131	19.409	5.546	1.675	23.181	.904
128.	4500.0	259.53	1.683	3.185	5.8220	4.182	19.450	5.465	1.660	23.016	.895
130.	4500.0	265.70	1.685	3.207	5.7920	4.234	19.491	5.384	1.646	22.861	.886
132.	4500.0	271.87	1.687	3.230	5.7620	4.286	19.532	5.302	1.631	22.713	.877
134.	4500.0	278.04	1.690	3.252	5.7320	4.333	19.573	5.221	1.617	22.573	.868
136.	4500.0	284.21	1.692	3.274	5.7020	4.390	19.613	5.140	1.603	22.441	.858
138.	4500.0	291.11	1.687	3.297	5.6780	4.436	19.699	5.105	1.596	22.215	.854
140.	4500.0	298.02	1.682	3.321	5.6550	4.481	19.785	5.069	1.588	21.996	.851
142.	4500.0	304.92	1.676	3.344	5.6310	4.526	19.871	5.033	1.581	21.784	.847
144.	4500.0	311.83	1.671	3.367	5.6080	4.572	19.956	4.997	1.574	21.579	.843
146.	4500.0	318.73	1.666	3.390	5.5850	4.617	20.042	4.962	1.567	21.381	.839
148.	4500.0	325.64	1.661	3.414	5.5610	4.663	20.128	4.926	1.560	21.189	.835
150.	4500.0	332.54	1.656	3.437	5.5380	4.708	20.214	4.890	1.553	21.002	.831

152.	4500.0	339.44	1.650	3.460	5.5147	4.754	20.299	4.854	1.545	20.822	.827
154.	4500.0	346.35	1.645	3.483	5.4913	4.799	20.385	4.818	1.538	20.647	.823
156.	4500.0	353.25	1.640	3.506	5.4679	4.845	20.471	4.783	1.531	20.477	.819
158.	4500.0	360.16	1.635	3.530	5.4444	4.890	20.556	4.747	1.524	20.313	.815
160.	4500.0	367.06	1.630	3.553	5.4210	4.936	20.642	4.711	1.517	20.154	.811
162.	4500.0	373.97	1.625	3.576	5.3976	4.981	20.728	4.675	1.510	19.999	.807
164.	4500.0	380.87	1.619	3.599	5.3741	5.027	20.814	4.640	1.503	19.849	.802
166.	4500.0	387.78	1.614	3.622	5.3507	5.072	20.899	4.604	1.495	19.704	.798
168.	4500.0	394.68	1.609	3.646	5.3272	5.118	20.985	4.568	1.488	19.563	.794
170.	4500.0	402.31	1.603	3.667	5.3127	5.160	21.093	4.553	1.484	19.389	.791
172.	4500.0	409.94	1.597	3.689	5.2981	5.202	21.202	4.537	1.480	19.220	.789
174.	4500.0	417.58	1.591	3.710	5.2835	5.243	21.310	4.522	1.475	19.056	.787
176.	4500.0	425.21	1.584	3.731	5.2689	5.285	21.419	4.506	1.471	18.895	.785
178.	4500.0	432.34	1.578	3.753	5.2544	5.327	21.527	4.491	1.466	18.738	.783
180.	4500.0	440.47	1.572	3.774	5.2398	5.369	21.635	4.475	1.462	18.585	.781
185.	4500.0	459.55	1.557	3.828	5.2034	5.474	21.906	4.436	1.451	18.219	.775
190.	4500.0	478.63	1.542	3.881	5.1669	5.579	22.177	4.397	1.440	17.874	.770
195.	4500.0	497.71	1.526	3.935	5.1305	5.684	22.448	4.358	1.429	17.549	.764
200.	4500.0	516.04	1.508	4.019	5.0826	5.807	22.917	4.304	1.416	17.272	.755
205.	4500.0	537.06	1.503	4.032	5.0884	5.893	23.115	4.303	1.410	16.917	.750
210.	4500.0	558.07	1.497	4.045	5.0942	5.978	23.312	4.301	1.405	16.579	.746
215.	4500.0	579.09	1.492	4.057	5.1000	6.064	23.510	4.300	1.399	16.258	.742
220.	4500.0	600.10	1.487	4.070	5.1058	6.149	23.708	4.299	1.394	15.952	.738
225.	4500.0	621.12	1.481	4.083	5.1116	6.234	23.905	4.298	1.388	15.660	.734
230.	4500.0	642.13	1.476	4.096	5.1174	6.320	24.103	4.297	1.383	15.381	.730
235.	4500.0	663.15	1.471	4.109	5.1232	6.405	24.301	4.296	1.377	15.115	.726
240.	4500.0	684.16	1.466	4.122	5.1290	6.491	24.498	4.295	1.371	14.860	.723
245.	4500.0	705.18	1.460	4.134	5.1348	6.576	24.696	4.294	1.366	14.616	.719
250.	4500.0	726.19	1.455	4.147	5.1406	6.662	24.893	4.293	1.360	14.382	.715
255.	4500.0	747.21	1.450	4.160	5.1464	6.747	25.091	4.292	1.355	14.158	.712
260.	4500.0	768.23	1.445	4.173	5.1522	6.833	25.289	4.291	1.349	13.943	.708
265.	4500.0	789.24	1.439	4.186	5.1580	6.918	25.486	4.290	1.344	13.737	.704
270.	4500.0	810.26	1.434	4.198	5.1638	7.003	25.684	4.289	1.338	13.538	.701
275.	4500.0	831.27	1.429	4.211	5.1696	7.089	25.882	4.287	1.333	13.348	.698
280.	4500.0	852.29	1.423	4.224	5.1754	7.174	26.079	4.286	1.327	13.164	.694
285.	4500.0	873.30	1.418	4.237	5.1812	7.260	26.277	4.285	1.321	12.988	.691
290.	4500.0	894.32	1.413	4.250	5.1870	7.345	26.475	4.284	1.316	12.818	.688
295.	4500.0	915.33	1.408	4.262	5.1928	7.431	26.672	4.283	1.310	12.654	.684
300.	4500.0	936.35	1.402	4.275	5.1986	7.516	26.870	4.282	1.305	12.496	.681
305.	4500.0	956.94	1.403	4.259	5.2219	7.574	26.932	4.304	1.302	12.317	.681
310.	4500.0	977.52	1.403	4.243	5.2451	7.632	26.995	4.325	1.299	12.144	.680
315.	4500.0	998.11	1.403	4.227	5.2684	7.690	27.057	4.347	1.297	11.976	.679
320.	4500.0	1018.70	1.404	4.211	5.2916	7.748	27.119	4.368	1.294	11.814	.678
325.	4500.0	1039.29	1.404	4.194	5.3149	7.806	27.182	4.390	1.291	11.657	.677
330.	4500.0	1059.87	1.404	4.178	5.3381	7.864	27.244	4.411	1.288	11.505	.676
335.	4500.0	1080.46	1.405	4.162	5.3613	7.922	27.307	4.433	1.286	11.357	.676
340.	4500.0	1101.05	1.405	4.146	5.3846	7.981	27.369	4.454	1.283	11.214	.675
345.	4500.0	1121.64	1.405	4.130	5.4078	8.039	27.431	4.476	1.280	11.075	.674
350.	4500.0	1142.22	1.406	4.113	5.4311	8.097	27.494	4.497	1.277	10.941	.673
355.	4500.0	1162.81	1.406	4.097	5.4543	8.155	27.556	4.519	1.275	10.810	.672
360.	4500.0	1183.40	1.406	4.081	5.4775	8.213	27.618	4.540	1.272	10.682	.671
365.	4500.0	1203.99	1.407	4.065	5.5008	8.271	27.681	4.562	1.269	10.559	.670
370.	4500.0	1224.57	1.407	4.049	5.5240	8.329	27.743	4.583	1.266	10.439	.669
375.	4500.0	1245.16	1.407	4.033	5.5473	8.387	27.806	4.605	1.264	10.322	.668
380.	4500.0	1265.75	1.408	4.016	5.5705	8.445	27.868	4.626	1.261	10.208	.667
385.	4500.0	1286.34	1.408	4.000	5.5938	8.503	27.930	4.648	1.258	10.097	.666
390.	4500.0	1306.92	1.408	3.984	5.6170	8.561	27.993	4.669	1.255	9.990	.665
395.	4500.0	1327.51	1.409	3.968	5.6403	8.619	28.055	4.691	1.253	9.885	.663
400.	4500.0	1349.85	1.414	3.926	5.6864	8.707	28.376	4.713	1.250	9.781	.652
420.	4500.0	1424.31	1.413	3.896	5.7645	8.852	28.849	4.812	1.243	9.370	.650
440.	4500.0	1498.77	1.413	3.865	5.8426	8.996	29.321	4.911	1.235	8.998	.647
460.	4500.0	1573.23	1.412	3.835	5.9207	9.141	29.794	5.010	1.228	8.658	.645

480.	4500.0	1647.09	1.411	3.805	5.9983	9.285	33.266	5.109	1.221	8.348	.642
500.	4500.0	1722.15	1.411	3.774	6.0759	9.430	30.739	5.208	1.213	8.062	.639
520.	4500.0	1796.61	1.410	3.744	6.1553	9.575	31.211	5.307	1.206	7.800	.637
540.	4500.0	1871.07	1.410	3.714	6.2333	9.719	31.684	5.400	1.199	7.557	.634
560.	4500.0	1945.53	1.409	3.683	5.3111	9.864	32.156	5.505	1.191	7.332	.631
580.	4500.0	2019.99	1.408	3.653	6.3892	10.008	32.628	5.604	1.184	7.124	.627
600.	4500.0	2094.45	1.408	3.622	6.4673	10.153	33.101	5.703	1.176	6.929	.624
620.	4500.0	2168.91	1.407	3.592	6.5454	10.293	33.573	5.802	1.169	6.748	.621
640.	4500.0	2243.37	1.406	3.562	6.6235	10.442	34.046	5.901	1.162	6.579	.617
660.	4500.0	2315.77	1.406	3.545	5.5959	10.559	34.558	6.001	1.156	6.408	.616
680.	4500.0	2386.10	1.405	3.543	6.7627	10.648	35.111	6.102	1.153	6.237	.616
700.	4500.0	2456.44	1.404	3.540	6.8295	10.733	35.664	6.203	1.150	6.075	.616
720.	4500.0	2526.78	1.403	3.537	6.8963	10.827	36.217	6.304	1.147	5.922	.616
740.	4500.0	2597.11	1.402	3.535	6.9631	10.916	36.769	6.405	1.144	5.778	.616
760.	4500.0	2667.45	1.402	3.532	7.0299	11.006	37.322	6.506	1.141	5.641	.616
780.	4500.0	2737.78	1.401	3.529	7.0966	11.095	37.875	6.607	1.138	5.512	.616
800.	4500.0	2808.12	1.400	3.527	7.1634	11.184	38.428	6.708	1.135	5.389	.616
820.	4500.0	2878.46	1.399	3.524	7.2302	11.274	38.980	6.809	1.131	5.272	.616
840.	4500.0	2948.79	1.398	3.522	7.2970	11.363	39.533	6.910	1.128	5.161	.616
860.	4500.0	3019.13	1.397	3.519	7.3638	11.452	40.086	7.011	1.125	5.055	.615
880.	4500.0	3089.46	1.397	3.516	7.4305	11.542	40.639	7.112	1.122	4.954	.615
900.	4500.0	3159.80	1.396	3.514	7.4973	11.631	41.191	7.213	1.119	4.857	.615
920.	4500.0	3229.92	1.396	3.512	7.5587	11.700	41.866	7.314	1.117	4.760	.614
940.	4500.0	3300.03	1.395	3.511	7.6200	11.768	42.540	7.415	1.115	4.667	.612
960.	4500.0	3370.15	1.395	3.509	7.6813	11.837	43.214	7.516	1.113	4.577	.610
980.	4500.0	3440.26	1.395	3.508	7.7426	11.905	43.888	7.617	1.111	4.492	.609
1000.	4500.0	3510.38	1.394	3.506	7.8039	11.974	44.562	7.718	1.109	4.410	.607
1050.	4500.0	3685.67	1.394	3.503	7.9571	12.145	46.248	7.971	1.104	4.218	.604
1100.	4500.0	3860.96	1.393	3.499	8.1104	12.317	47.933	8.223	1.100	4.044	.600
1150.	4500.0	4036.25	1.392	3.496	8.2636	12.488	49.618	8.476	1.095	3.885	.597
1200.	4500.0	4211.83	1.391	3.501	8.3974	12.626	49.966	8.733	1.091	3.735	.612
1250.	4500.0	4387.41	1.389	3.505	8.5312	12.763	50.314	8.990	1.088	3.598	.626
1300.	4500.0	4562.99	1.387	3.510	8.6649	12.901	50.661	9.248	1.084	3.470	.641
1350.	4500.0	4738.57	1.385	3.515	8.7987	13.038	51.009	9.505	1.081	3.353	.655
1400.	4500.0	4912.02	1.384	3.516	8.9419	13.191	50.312	9.779	1.077	3.245	.683
1450.	4500.0	5090.04	1.383	3.525	9.0615	13.298	51.738	10.018	1.075	3.139	.683
1500.	4500.0	5268.06	1.381	3.535	9.1811	13.404	53.163	10.257	1.072	3.040	.682
1550.	4500.0	5446.08	1.380	3.544	9.3007	13.510	54.589	10.496	1.070	2.948	.681
1600.	4500.0	5624.10	1.378	3.553	9.4203	13.617	56.014	10.735	1.068	2.862	.681
1650.	4500.0	5802.12	1.376	3.563	9.5399	13.723	57.440	10.973	1.066	2.780	.681
1700.	4500.0	5980.14	1.375	3.572	9.6595	13.829	58.865	11.212	1.064	2.704	.680
1750.	4500.0	6158.16	1.373	3.582	9.7791	13.936	60.291	11.451	1.062	2.632	.680
1800.	4500.0	6336.17	1.372	3.591	9.8986	14.042	61.717	11.690	1.060	2.564	.680
1850.	4500.0	6514.19	1.370	3.601	10.0182	14.148	63.142	11.929	1.058	2.499	.680
1900.	4500.0	6692.21	1.369	3.610	10.1378	14.255	64.568	12.167	1.056	2.438	.680
1950.	4500.0	6870.23	1.367	3.619	10.2574	14.361	65.993	12.406	1.054	2.380	.680
2000.	4500.0	7048.25	1.366	3.629	10.3770	14.467	67.419	12.645	1.052	2.326	.681
2050.	4500.0	7233.76	1.364	3.643	10.4771	14.548	68.935	12.867	1.051	2.271	.680
2100.	4500.0	7419.27	1.362	3.657	10.5773	14.628	70.450	13.089	1.049	2.219	.680
2150.	4500.0	7604.79	1.360	3.672	10.6774	14.708	71.966	13.311	1.048	2.170	.679
2200.	4500.0	7790.30	1.358	3.686	10.7776	14.783	73.481	13.533	1.047	2.123	.679
2250.	4500.0	7975.81	1.357	3.700	10.8777	14.868	74.997	13.755	1.046	2.078	.679
2300.	4500.0	8161.32	1.355	3.714	10.9779	14.948	76.513	13.977	1.045	2.035	.679
2350.	4500.0	8346.84	1.353	3.729	11.0780	15.029	78.028	14.200	1.044	1.994	.679
2400.	4500.0	8532.35	1.351	3.743	11.1782	15.109	79.544	14.422	1.043	1.954	.679
2450.	4500.0	8717.85	1.349	3.757	11.2783	15.189	81.059	14.644	1.042	1.916	.679
2500.	4500.0	8903.37	1.348	3.772	11.3785	15.269	82.575	14.866	1.041	1.880	.679
2550.	4500.0	9088.89	1.346	3.786	11.4786	15.349	84.091	15.088	1.040	1.845	.679
2600.	4500.0	9274.40	1.344	3.800	11.5787	15.429	85.606	15.310	1.039	1.811	.680
2650.	4500.0	9468.39	1.342	3.814	11.6682	15.496	87.163	15.522	1.038	1.778	.679
2700.	4500.0	9662.37	1.341	3.828	11.7575	15.563	88.721	15.734	1.037	1.747	.679
2750.	4500.0	9856.36	1.339	3.842	11.8470	15.630	90.278	15.946	1.036	1.716	.679

2800.	4500.C	10050.35	1.338	3.855	11.9364	15.697	91.835	16.158	1.036	1.687	.678
2850.	4500.C	10244.34	1.336	3.869	12.0258	15.764	93.392	16.370	1.035	1.658	.678
2900.	4500.C	10438.32	1.335	3.883	12.1152	15.831	94.949	16.581	1.034	1.631	.578
2950.	4500.C	10632.31	1.333	3.897	12.2047	15.898	96.507	16.793	1.034	1.604	.678
3000.	4500.C	10826.30	1.332	3.911	12.2941	15.965	98.064	17.005	1.033	1.578	.678
3050.	4500.C	11020.29	1.330	3.924	12.3835	16.032	99.621	17.217	1.032	1.554	.678
3100.	4500.C	11214.27	1.329	3.938	12.4729	16.099	101.178	17.429	1.032	1.530	.578
3150.	4500.C	11408.26	1.327	3.952	12.5623	16.166	102.735	17.641	1.031	1.506	.679
3200.	4500.C	11602.25	1.325	3.966	12.6517	16.232	104.292	17.853	1.030	1.484	.679
3250.	4500.C	11804.90	1.324	3.980	12.7327	16.290	105.958	18.057	1.030	1.462	.578
3300.	4500.C	12007.54	1.323	3.994	12.8137	16.348	107.624	18.261	1.029	1.440	.678
3350.	4500.C	12210.19	1.321	4.009	12.8947	16.406	109.290	18.465	1.029	1.419	.677
3400.	4500.C	12412.83	1.320	4.023	12.9757	16.463	110.956	18.669	1.028	1.399	.677
3450.	4500.C	12615.48	1.319	4.037	13.0567	16.521	112.622	18.873	1.028	1.379	.577
3500.	4500.C	12818.13	1.317	4.052	13.1377	16.579	114.287	19.077	1.027	1.360	.676
3550.	4500.C	13020.77	1.316	4.065	13.2187	16.635	115.953	19.281	1.027	1.342	.676
3600.	4500.C	13223.42	1.315	4.080	13.2997	16.694	117.619	19.485	1.027	1.324	.676
3650.	4500.C	13426.06	1.313	4.095	13.3807	16.752	119.285	19.689	1.026	1.306	.676
3700.	4500.C	13628.71	1.312	4.109	13.4617	16.809	120.951	19.893	1.026	1.289	.676
3750.	4500.C	13831.35	1.311	4.123	13.5427	16.867	122.617	20.097	1.025	1.272	.676
3800.	4500.C	14036.00	1.309	4.137	13.6217	16.923	124.282	20.299	1.025	1.256	.676
3850.	4500.C	14245.78	1.308	4.154	13.6971	16.975	126.176	20.498	1.024	1.240	.675
3900.	4500.C	14455.56	1.307	4.171	13.7724	17.028	128.069	20.698	1.024	1.225	.674
3950.	4500.C	14665.34	1.305	4.189	13.8478	17.081	129.962	20.897	1.024	1.210	.673
4000.	4500.C	14875.13	1.304	4.206	13.9231	17.133	131.855	21.096	1.023	1.195	.673
4050.	4500.C	15084.91	1.303	4.223	13.9985	17.185	133.748	21.296	1.023	1.180	.672
4100.	4500.C	15294.69	1.301	4.240	14.0738	17.239	135.641	21.495	1.023	1.166	.672
4150.	4500.C	15504.47	1.300	4.257	14.1492	17.291	137.534	21.695	1.022	1.153	.672
4200.	4500.C	15714.25	1.299	4.274	14.2245	17.344	139.427	21.894	1.022	1.139	.671
4250.	4500.C	15932.25	1.297	4.298	14.2948	17.394	141.771	22.090	1.022	1.126	.670
4300.	4500.C	16150.25	1.296	4.322	14.3651	17.443	144.114	22.286	1.022	1.113	.668
4350.	4500.C	16368.25	1.294	4.346	14.4354	17.493	146.457	22.482	1.021	1.101	.667
4400.	4500.C	16586.25	1.293	4.370	14.5057	17.542	148.800	22.678	1.021	1.089	.666
4450.	4500.C	16804.25	1.291	4.393	14.5761	17.592	151.143	22.874	1.021	1.077	.665
4500.	4500.C	17022.25	1.290	4.417	14.6464	17.642	153.486	23.070	1.021	1.065	.664
4550.	4500.C	17240.25	1.288	4.441	14.7167	17.691	155.829	23.266	1.021	1.053	.663
4600.	4500.C	17458.25	1.287	4.465	14.7870	17.741	158.172	23.462	1.020	1.042	.662
4650.	4500.C	17688.41	1.285	4.500	14.8528	17.789	161.324	23.655	1.020	1.031	.660
4700.	4500.C	17918.56	1.284	4.535	14.9186	17.835	164.475	23.849	1.020	1.020	.658
4750.	4500.C	18148.72	1.282	4.570	14.9844	17.884	167.626	24.042	1.020	1.009	.655
4800.	4500.C	18378.88	1.280	4.605	15.0502	17.932	170.777	24.235	1.020	.999	.654
4850.	4500.C	18609.03	1.279	4.640	15.1151	17.980	173.929	24.429	1.020	.989	.652
4900.	4500.C	18839.19	1.277	4.675	15.1819	18.028	177.080	24.622	1.020	.979	.650
4950.	4500.C	19069.34	1.276	4.710	15.2477	18.075	180.231	24.815	1.020	.969	.649
5000.	4500.C	19299.50	1.274	4.745	15.3135	18.123	183.382	25.008	1.020	.959	.647

TEMP. (DEG.R)	PRESS. (PSIA)	ENTHALPY (BTU/LB)	SPECIFIC HEAT RATIO CP/CV	CP-HEAT CAPACITY (BTU/ LB-DEG.R)	VELOCITY OF SOUND * (10)**-4 (IN/SEC)	ENTROPY (BTU/ LB-DEG.R)	CONDUCTIVITY * (10)**7 (BTU/ IN-SEC-DEG.R)	VISCOSITY * (10)**7 (LB/IN-SEC)	CMP. FACTOR PV/RT (LB/CU.IN)	DENSITY * (10)**4 (LB/CU.IN)	PRANDTL NUMBER
R=9200											
36.	5000.0	39.35	1.189	1.527	7.4692	1.179	49.983	29.753	4.562	33.095	.909
38.	5000.0	42.99	1.209	1.589	7.4448	1.263	45.856	26.412	4.367	32.748	.915
40.	5000.0	46.63	1.228	1.652	7.4205	1.341	41.729	23.071	4.173	32.560	.913
42.	5000.0	50.45	1.246	1.713	7.4055	1.404	39.446	21.215	4.007	32.293	.921
44.	5000.0	54.27	1.264	1.775	7.3909	1.463	37.163	19.360	3.841	32.155	.924
46.	5000.0	57.85	1.277	1.830	7.3785	1.551	35.558	18.120	3.700	31.933	.932
48.	5000.0	61.44	1.291	1.885	7.3662	1.633	33.953	16.880	3.558	31.818	.937
50.	5000.0	65.32	1.302	1.935	7.3292	1.710	32.494	15.945	3.441	31.592	.949
52.	5000.0	69.21	1.314	1.984	7.2923	1.787	31.035	15.010	3.323	31.455	.960
54.	5000.0	73.26	1.327	2.029	7.2511	1.862	29.822	14.295	3.222	31.235	.973
56.	5000.0	77.31	1.340	2.073	7.2099	1.938	28.609	13.581	3.122	31.090	.984
58.	5000.0	81.55	1.356	2.120	7.1932	2.011	27.580	13.009	3.035	30.871	1.000
60.	5000.0	85.79	1.371	2.167	7.1765	2.084	26.552	12.438	2.949	30.715	1.015
62.	5000.0	90.21	1.384	2.210	7.1510	2.155	25.706	11.973	2.875	30.494	1.029
64.	5000.0	94.58	1.397	2.253	7.1185	2.227	24.834	11.486	2.797	30.362	1.042
66.	5000.0	99.27	1.410	2.290	7.0876	2.296	24.240	11.136	2.737	30.087	1.052
68.	5000.0	103.55	1.423	2.327	7.0566	2.364	23.646	10.786	2.677	29.856	1.062
70.	5000.0	108.64	1.436	2.364	7.0257	2.432	23.052	10.436	2.617	29.667	1.070
72.	5000.0	113.32	1.449	2.401	6.9947	2.500	22.458	10.086	2.557	29.519	1.078
74.	5000.0	118.01	1.462	2.438	6.9638	2.569	21.864	9.736	2.497	29.411	1.086
76.	5000.0	123.04	1.473	2.469	6.9243	2.632	21.560	9.497	2.453	29.147	1.087
78.	5000.0	128.07	1.484	2.500	6.8848	2.696	21.256	9.258	2.410	28.914	1.089
80.	5000.0	133.09	1.495	2.530	6.8453	2.760	20.951	9.019	2.366	28.711	1.089
82.	5000.0	138.12	1.506	2.561	6.8058	2.823	20.647	8.780	2.322	28.538	1.089
84.	5000.0	143.15	1.518	2.592	6.7663	2.887	20.343	8.541	2.279	28.392	1.088
86.	5000.0	148.47	1.527	2.621	6.7321	2.947	20.205	8.360	2.245	28.144	1.084
88.	5000.0	153.79	1.536	2.649	6.6978	3.007	20.066	8.180	2.212	27.919	1.080
90.	5000.0	159.11	1.546	2.678	6.6636	3.066	19.928	8.000	2.179	27.717	1.075
92.	5000.0	164.43	1.555	2.707	6.6293	3.126	19.789	7.820	2.145	27.537	1.070
94.	5000.0	169.75	1.565	2.735	6.5951	3.186	19.651	7.640	2.112	27.377	1.063
96.	5000.0	175.37	1.572	2.760	6.5647	3.243	19.613	7.501	2.086	27.138	1.056
98.	5000.0	180.99	1.580	2.785	6.5344	3.300	19.574	7.363	2.060	26.917	1.048
100.	5000.0	186.62	1.588	2.810	6.5040	3.356	19.536	7.225	2.034	26.713	1.039
102.	5000.0	192.24	1.596	2.835	6.4737	3.413	19.497	7.087	2.009	26.526	1.031
104.	5000.0	197.50	1.608	2.858	6.4430	3.474	19.422	6.915	1.977	26.431	1.018
106.	5000.0	203.55	1.611	2.880	6.4131	3.525	19.462	6.827	1.960	26.154	1.010
108.	5000.0	209.60	1.613	2.903	6.3902	3.576	19.502	6.739	1.944	25.891	1.003
110.	5000.0	215.65	1.616	2.925	6.3614	3.627	19.542	6.651	1.927	25.642	.996
112.	5000.0	221.70	1.618	2.948	6.3325	3.677	19.582	6.563	1.910	25.405	.988
114.	5000.0	227.76	1.621	2.970	6.3036	3.728	19.622	6.475	1.893	25.180	.980
116.	5000.0	233.81	1.623	2.992	6.2747	3.779	19.662	6.387	1.877	24.967	.972
118.	5000.0	239.86	1.626	3.015	6.2459	3.830	19.702	6.299	1.860	24.765	.964
120.	5000.0	245.91	1.628	3.037	6.2170	3.881	19.742	6.211	1.843	24.574	.956
122.	5000.0	251.96	1.631	3.060	6.1881	3.932	19.783	6.123	1.826	24.393	.947
124.	5000.0	258.01	1.633	3.082	6.1592	3.983	19.823	6.035	1.809	24.222	.938
126.	5000.0	264.06	1.636	3.105	6.1304	4.034	19.863	5.947	1.793	24.060	.929
128.	5000.0	270.11	1.638	3.127	6.1015	4.085	19.903	5.859	1.776	23.908	.920
130.	5000.0	276.17	1.641	3.149	6.0725	4.136	19.943	5.771	1.759	23.764	.911
132.	5000.0	282.22	1.643	3.172	6.0437	4.186	19.983	5.683	1.742	23.629	.902
134.	5000.0	288.27	1.646	3.194	6.0149	4.237	20.023	5.595	1.726	23.503	.893
136.	5000.0	294.32	1.648	3.217	5.9860	4.288	20.063	5.507	1.709	23.384	.883
138.	5000.0	301.13	1.644	3.241	5.9615	4.333	20.154	5.466	1.700	23.163	.879
140.	5000.0	307.94	1.640	3.266	5.9370	4.378	20.244	5.425	1.692	22.949	.875
142.	5000.0	314.76	1.636	3.290	5.9125	4.423	20.335	5.384	1.683	22.742	.871
144.	5000.0	321.57	1.632	3.315	5.8880	4.468	20.426	5.344	1.674	22.542	.867
146.	5000.0	328.38	1.628	3.339	5.8635	4.513	20.516	5.303	1.666	22.349	.863
148.	5000.0	335.19	1.624	3.364	5.8390	4.558	20.607	5.262	1.657	22.162	.859
150.	5000.0	342.00	1.619	3.388	5.8145	4.602	20.698	5.222	1.648	21.981	.855

152.	5000.0	348.81	1.615	3.413	5.7333	4.647	20.788	5.181	1.640	21.807	.851
154.	5000.0	355.63	1.611	3.437	5.7654	4.692	20.879	5.140	1.631	21.638	.846
156.	5000.0	362.44	1.607	3.462	5.7403	4.737	20.970	5.099	1.622	21.474	.842
158.	5000.0	369.25	1.603	3.486	5.7164	4.782	21.061	5.059	1.614	21.316	.837
160.	5000.0	376.06	1.599	3.511	5.6913	4.827	21.151	5.018	1.605	21.163	.833
162.	5000.0	382.87	1.595	3.535	5.6674	4.872	21.242	4.977	1.596	21.015	.828
164.	5000.0	389.69	1.590	3.560	5.6429	4.916	21.333	4.936	1.588	20.872	.824
166.	5000.0	396.50	1.586	3.584	5.6184	4.961	21.423	4.896	1.579	20.734	.819
168.	5000.0	403.31	1.582	3.609	5.5939	5.006	21.514	4.855	1.570	20.600	.814
170.	5000.0	410.88	1.577	3.631	5.5773	5.049	21.626	4.836	1.565	20.428	.812
172.	5000.0	418.45	1.571	3.654	5.5506	5.089	21.739	4.817	1.560	20.261	.810
174.	5000.0	426.02	1.566	3.676	5.5440	5.131	21.851	4.798	1.554	20.097	.807
176.	5000.0	433.59	1.561	3.699	5.5273	5.173	21.964	4.779	1.549	19.939	.805
178.	5000.0	441.16	1.555	3.721	5.5107	5.214	22.076	4.760	1.543	19.784	.802
180.	5000.0	448.73	1.550	3.743	5.4940	5.256	22.189	4.740	1.538	19.633	.800
185.	5000.0	467.66	1.536	3.799	5.4524	5.360	22.470	4.693	1.524	19.272	.793
190.	5000.0	486.59	1.523	3.855	5.4103	5.464	22.751	4.645	1.511	18.933	.787
195.	5000.0	505.51	1.510	3.911	5.3632	5.568	23.033	4.597	1.497	18.615	.781
200.	5000.0	523.61	1.494	4.000	5.3143	5.691	23.531	4.528	1.480	18.355	.770
205.	5000.0	544.61	1.489	4.014	5.3176	5.776	23.725	4.522	1.474	17.990	.765
210.	5000.0	565.61	1.485	4.029	5.3203	5.861	23.919	4.517	1.467	17.643	.761
215.	5000.0	586.61	1.480	4.043	5.3231	5.947	24.113	4.511	1.460	17.313	.756
220.	5000.0	607.61	1.476	4.057	5.3258	6.032	24.306	4.505	1.453	16.999	.752
225.	5000.0	628.61	1.471	4.071	5.3285	6.117	24.500	4.499	1.446	16.699	.748
230.	5000.0	649.61	1.466	4.085	5.3312	6.203	24.694	4.493	1.440	16.413	.743
235.	5000.0	670.61	1.462	4.099	5.3339	6.288	24.888	4.487	1.433	16.141	.739
240.	5000.0	691.61	1.457	4.114	5.3367	6.373	25.082	4.481	1.426	15.880	.735
245.	5000.0	712.61	1.453	4.129	5.3394	6.459	25.276	4.475	1.419	15.630	.731
250.	5000.0	733.60	1.448	4.142	5.3421	6.544	25.469	4.469	1.412	15.392	.727
255.	5000.0	754.60	1.444	4.156	5.3443	6.630	25.663	4.463	1.406	15.163	.723
260.	5000.0	775.60	1.439	4.170	5.3475	6.715	25.857	4.458	1.399	14.944	.719
265.	5000.0	796.60	1.434	4.184	5.3503	6.800	26.051	4.452	1.392	14.734	.715
270.	5000.0	817.60	1.430	4.198	5.3530	6.886	26.245	4.446	1.385	14.532	.711
275.	5000.0	838.60	1.425	4.213	5.3557	6.971	26.439	4.440	1.378	14.338	.707
280.	5000.0	859.60	1.421	4.227	5.3584	7.056	26.633	4.434	1.372	14.152	.704
285.	5000.0	880.60	1.416	4.241	5.3611	7.142	26.826	4.428	1.365	13.973	.700
290.	5000.0	901.60	1.412	4.255	5.3639	7.227	27.020	4.422	1.358	13.801	.696
295.	5000.0	922.60	1.407	4.269	5.3666	7.312	27.214	4.416	1.351	13.635	.693
300.	5000.0	943.60	1.402	4.283	5.3693	7.398	27.408	4.410	1.344	13.476	.689
305.	5000.0	964.23	1.403	4.267	5.3913	7.456	27.459	4.430	1.341	13.287	.688
310.	5000.0	984.87	1.403	4.251	5.4133	7.514	27.511	4.450	1.338	13.104	.688
315.	5000.0	1005.50	1.404	4.235	5.4353	7.572	27.562	4.469	1.335	12.927	.687
320.	5000.0	1026.14	1.404	4.219	5.4573	7.631	27.614	4.489	1.332	12.755	.686
325.	5000.0	1046.77	1.404	4.203	5.4793	7.689	27.665	4.508	1.328	12.589	.685
330.	5000.0	1067.41	1.405	4.186	5.5014	7.747	27.717	4.528	1.325	12.428	.684
335.	5000.0	1088.04	1.405	4.170	5.5234	7.805	27.768	4.548	1.322	12.272	.683
340.	5000.0	1108.68	1.406	4.154	5.5454	7.863	27.820	4.567	1.319	12.121	.682
345.	5000.0	1129.31	1.406	4.138	5.5674	7.922	27.871	4.587	1.316	11.974	.681
350.	5000.0	1149.95	1.406	4.122	5.5894	7.980	27.922	4.606	1.312	11.832	.680
355.	5000.0	1170.58	1.407	4.106	5.6114	8.039	27.974	4.626	1.309	11.694	.679
360.	5000.0	1191.22	1.407	4.090	5.6334	8.096	28.025	4.646	1.306	11.560	.678
365.	5000.0	1211.85	1.408	4.073	5.6554	8.154	28.077	4.665	1.303	11.429	.677
370.	5000.0	1232.49	1.408	4.057	5.6774	8.212	28.128	4.685	1.300	11.303	.676
375.	5000.0	1253.12	1.408	4.041	5.6994	8.271	28.180	4.704	1.296	11.179	.675
380.	5000.0	1273.76	1.409	4.025	5.7215	8.329	28.231	4.724	1.293	11.060	.674
385.	5000.0	1294.39	1.409	4.009	5.7435	8.387	28.283	4.744	1.290	10.943	.672
390.	5000.0	1315.03	1.410	3.993	5.7655	8.445	28.334	4.763	1.287	10.830	.671
395.	5000.0	1335.66	1.410	3.977	5.7875	8.503	28.386	4.783	1.284	10.719	.670
400.	5000.0	1357.90	1.416	3.935	5.8335	8.591	28.692	4.801	1.281	10.608	.658
420.	5000.0	1432.55	1.415	3.904	5.9384	8.736	29.161	4.896	1.272	10.170	.656
440.	5000.0	1507.23	1.414	3.873	5.9834	8.881	29.630	4.932	1.264	9.773	.653
460.	5000.0	1581.89	1.413	3.843	6.0583	9.026	30.099	5.087	1.255	9.412	.650

480.	5000.0	1656.55	1.413	3.812	6.1332	9.171	30.568	5.183	1.247	9.081	.646
500.	5000.0	1731.22	1.412	3.782	5.2081	9.316	31.036	5.278	1.238	8.777	.643
520.	5000.0	1805.88	1.411	3.751	6.2831	9.461	31.505	5.374	1.230	8.498	.640
540.	5000.0	1880.55	1.410	3.720	6.3580	9.605	31.974	5.469	1.221	8.240	.636
560.	5000.0	1955.21	1.410	3.690	6.4329	9.750	32.443	5.565	1.213	8.001	.633
580.	5000.0	2029.88	1.409	3.659	6.5079	9.895	32.912	5.660	1.204	7.780	.629
600.	5000.0	2104.54	1.408	3.628	6.5823	10.040	33.381	5.756	1.196	7.574	.626
620.	5000.0	2179.20	1.407	3.598	6.6577	10.185	33.850	5.851	1.187	7.382	.622
640.	5000.0	2253.87	1.406	3.567	5.7326	10.330	34.319	5.947	1.179	7.203	.618
660.	5000.0	2326.40	1.406	3.550	6.8027	10.447	34.832	6.044	1.173	7.020	.616
680.	5000.0	2396.81	1.405	3.548	6.8679	10.536	35.389	6.144	1.170	6.834	.616
700.	5000.0	2467.22	1.404	3.545	6.9331	10.626	35.946	6.244	1.166	6.658	.616
720.	5000.0	2537.63	1.403	3.542	6.9983	10.715	36.503	6.343	1.163	6.492	.615
740.	5000.0	2608.04	1.402	3.539	7.0635	10.805	37.060	6.443	1.159	6.336	.615
760.	5000.0	2678.44	1.401	3.536	7.1287	10.894	37.617	6.543	1.156	6.187	.615
780.	5000.0	2748.85	1.400	3.533	7.1938	10.984	38.174	6.642	1.152	6.047	.615
800.	5000.0	2819.26	1.400	3.531	7.2590	11.073	38.731	6.742	1.149	5.913	.615
820.	5000.0	2889.67	1.399	3.528	7.3242	11.163	39.289	6.841	1.145	5.786	.614
840.	5000.0	2960.08	1.398	3.525	7.3894	11.252	39.846	6.941	1.142	5.666	.614
860.	5000.0	3030.48	1.397	3.522	7.4546	11.342	40.403	7.041	1.138	5.551	.614
880.	5000.0	3100.89	1.396	3.519	7.5198	11.431	40.960	7.140	1.135	5.441	.614
900.	5000.0	3171.30	1.395	3.516	7.5850	11.521	41.517	7.240	1.132	5.336	.613
920.	5000.0	3241.46	1.395	3.515	7.6454	11.590	42.076	7.341	1.129	5.230	.611
940.	5000.0	3311.62	1.395	3.513	7.7058	11.658	42.636	7.441	1.127	5.129	.610
960.	5000.0	3381.78	1.394	3.512	7.7661	11.727	43.195	7.542	1.125	5.031	.608
980.	5000.0	3451.94	1.394	3.510	7.8265	11.796	43.754	7.642	1.123	4.938	.606
1000.	5000.0	3522.10	1.394	3.509	7.8869	11.864	44.313	7.743	1.121	4.849	.605
1050.	5000.0	3697.50	1.393	3.505	8.0378	12.035	46.412	7.994	1.116	4.640	.601
1100.	5000.0	3872.90	1.393	3.501	8.1888	12.207	48.311	8.246	1.110	4.450	.598
1150.	5000.0	4048.30	1.392	3.498	8.3397	12.379	50.009	8.497	1.105	4.277	.594
1200.	5000.0	4223.98	1.390	3.502	8.4715	12.517	50.290	8.751	1.101	4.113	.609
1250.	5000.0	4399.66	1.388	3.507	8.6033	12.655	50.571	9.004	1.097	3.963	.624
1300.	5000.0	4575.34	1.386	3.512	8.7350	12.792	50.851	9.257	1.093	3.824	.639
1350.	5000.0	4751.02	1.385	3.517	8.8668	12.930	51.132	9.511	1.090	3.695	.654
1400.	5000.0	4924.60	1.383	3.517	9.0084	13.078	50.312	9.779	1.085	3.578	.668
1450.	5000.0	5102.65	1.382	3.526	9.1269	13.184	51.738	10.018	1.083	3.462	.683
1500.	5000.0	5280.70	1.380	3.536	9.2453	13.291	53.163	10.257	1.080	3.353	.682
1550.	5000.0	5458.75	1.379	3.545	9.3638	13.397	54.589	10.496	1.078	3.252	.682
1600.	5000.0	5636.80	1.377	3.554	9.4823	13.503	56.014	10.735	1.076	3.157	.681
1650.	5000.0	5814.85	1.376	3.564	9.6007	13.610	57.440	10.973	1.074	3.068	.681
1700.	5000.0	5992.90	1.374	3.573	9.7192	13.716	58.865	11.212	1.071	2.984	.681
1750.	5000.0	6170.95	1.373	3.582	9.8377	13.822	60.291	11.451	1.069	2.905	.680
1800.	5000.0	6349.00	1.371	3.592	9.9561	13.929	61.717	11.690	1.067	2.831	.680
1850.	5000.0	6527.05	1.370	3.601	10.0746	14.035	63.142	11.929	1.064	2.760	.680
1900.	5000.0	6705.10	1.368	3.610	10.1931	14.141	64.568	12.167	1.062	2.694	.680
1950.	5000.0	6883.15	1.367	3.620	10.3115	14.248	65.993	12.406	1.060	2.630	.680
2000.	5000.0	7061.20	1.365	3.629	10.4300	14.354	67.419	12.645	1.057	2.570	.681
2050.	5000.0	7246.71	1.363	3.643	10.5294	14.434	68.845	12.887	1.056	2.510	.680
2100.	5000.0	7432.22	1.361	3.657	10.6288	14.514	70.270	13.089	1.055	2.453	.680
2150.	5000.0	7617.72	1.360	3.672	10.7282	14.594	71.696	13.311	1.054	2.399	.679
2200.	5000.0	7803.23	1.358	3.686	10.8277	14.675	73.121	13.533	1.052	2.347	.679
2250.	5000.0	7988.74	1.356	3.700	10.9271	14.755	74.547	13.755	1.051	2.298	.679
2300.	5000.0	8174.25	1.354	3.714	11.0265	14.835	76.012	13.977	1.050	2.250	.679
2350.	5000.0	8359.76	1.352	3.729	11.1259	14.915	77.428	14.200	1.049	2.205	.679
2400.	5000.0	8545.27	1.351	3.743	11.2253	14.995	78.844	14.422	1.048	2.162	.679
2450.	5000.0	8730.77	1.349	3.757	11.3247	15.075	80.260	14.644	1.046	2.120	.679
2500.	5000.0	8916.28	1.347	3.771	11.4242	15.155	81.676	14.866	1.045	2.080	.679
2550.	5000.0	9101.79	1.345	3.786	11.5236	15.236	83.092	15.088	1.044	2.041	.679
2600.	5000.0	9287.30	1.343	3.800	11.6230	15.316	84.508	15.310	1.043	2.005	.680
2650.	5000.0	9481.27	1.342	3.814	11.7117	15.383	85.924	15.522	1.042	1.968	.679
2700.	5000.0	9675.25	1.340	3.827	11.8008	15.450	87.340	15.734	1.041	1.933	.679
2750.	5000.0	9869.22	1.339	3.841	11.8897	15.517	88.757	15.946	1.040	1.895	.673

2900.	5000.0	10063.20	1.337	3.855	11.9787	15.584	31.834	16.158	1.040	1.867	.678
2950.	5000.0	10257.17	1.336	3.869	12.0575	15.651	33.391	16.370	1.039	1.855	.578
2900.	5000.0	10451.15	1.334	3.883	12.1535	15.717	34.948	16.581	1.038	1.805	.678
2950.	5000.0	10645.12	1.333	3.896	12.2454	15.784	36.505	16.793	1.037	1.776	.678
3000.	5000.0	10839.10	1.331	3.910	12.3343	15.851	38.062	17.005	1.037	1.748	.678
3050.	5000.0	11033.07	1.329	3.924	12.4232	15.918	39.619	17.217	1.036	1.720	.678
3100.	5000.0	11227.05	1.328	3.938	12.5122	15.985	41.176	17.429	1.035	1.694	.678
3150.	5000.0	11421.02	1.326	3.952	12.6011	16.052	42.733	17.641	1.034	1.668	.679
3200.	5000.0	11615.00	1.325	3.965	12.6900	16.119	44.290	17.853	1.033	1.643	.679
3250.	5000.0	11817.58	1.324	3.980	12.7797	16.177	45.847	18.057	1.033	1.619	.678
3300.	5000.0	12020.17	1.322	3.994	12.8513	16.234	47.404	18.261	1.032	1.595	.678
3350.	5000.0	12222.75	1.321	4.008	12.9320	16.292	48.961	18.465	1.032	1.572	.677
3400.	5000.0	12425.33	1.320	4.022	13.0127	16.350	50.518	18.669	1.031	1.550	.677
3450.	5000.0	12627.92	1.318	4.036	13.0933	16.407	52.075	18.873	1.031	1.528	.677
3500.	5000.0	12830.50	1.317	4.050	13.1740	16.465	53.632	19.077	1.030	1.507	.676
3550.	5000.0	13033.08	1.316	4.065	13.2547	16.523	55.189	19.281	1.030	1.486	.676
3600.	5000.0	13235.67	1.314	4.079	13.3353	16.580	56.746	19.485	1.029	1.466	.676
3650.	5000.0	13438.25	1.313	4.093	13.4160	16.638	58.303	19.689	1.029	1.447	.676
3700.	5000.0	13640.83	1.312	4.107	13.4967	16.696	59.860	19.893	1.028	1.428	.676
3750.	5000.0	13843.42	1.310	4.121	13.5773	16.753	61.417	20.097	1.028	1.410	.676
3800.	5000.0	14048.00	1.309	4.135	13.6560	16.809	62.974	20.299	1.027	1.392	.676
3850.	5000.0	14257.63	1.308	4.152	13.7311	16.862	64.531	20.498	1.027	1.374	.675
3900.	5000.0	14467.25	1.306	4.169	13.8062	16.914	66.088	20.698	1.027	1.357	.674
3950.	5000.0	14676.88	1.305	4.185	13.8814	16.967	67.645	20.897	1.026	1.341	.674
4000.	5000.0	14886.50	1.304	4.202	13.9565	17.019	69.202	21.096	1.026	1.324	.673
4050.	5000.0	15096.13	1.302	4.219	14.0316	17.072	70.759	21.296	1.026	1.308	.673
4100.	5000.0	15305.75	1.301	4.236	14.1067	17.125	72.316	21.495	1.025	1.293	.672
4150.	5000.0	15515.38	1.300	4.252	14.1819	17.177	73.873	21.695	1.025	1.278	.672
4200.	5000.0	15725.00	1.299	4.269	14.2570	17.230	75.430	21.894	1.024	1.263	.671
4250.	5000.0	15942.63	1.297	4.292	14.3272	17.279	76.987	22.090	1.024	1.248	.670
4300.	5000.0	16160.25	1.296	4.315	14.3975	17.329	78.544	22.286	1.024	1.234	.669
4350.	5000.0	16377.88	1.294	4.338	14.4677	17.378	80.101	22.482	1.024	1.220	.668
4400.	5000.0	16595.50	1.293	4.361	14.5380	17.428	81.658	22.678	1.023	1.207	.667
4450.	5000.0	16813.13	1.291	4.384	14.6082	17.477	83.215	22.874	1.023	1.194	.666
4500.	5000.0	17030.75	1.290	4.407	14.6785	17.527	84.772	23.070	1.023	1.181	.665
4550.	5000.0	17248.38	1.289	4.430	14.7487	17.576	86.329	23.266	1.023	1.168	.664
4600.	5000.0	17466.00	1.287	4.453	14.8190	17.626	87.886	23.462	1.022	1.155	.663
4650.	5000.0	17695.25	1.286	4.487	14.8849	17.674	89.443	23.655	1.022	1.143	.661
4700.	5000.0	17924.50	1.284	4.521	14.9507	17.721	90.999	23.848	1.022	1.131	.659
4750.	5000.0	18153.75	1.282	4.554	15.0166	17.769	92.556	24.042	1.022	1.119	.657
4800.	5000.0	18383.00	1.281	4.588	15.0825	17.816	94.113	24.235	1.022	1.108	.655
4850.	5000.0	18612.25	1.279	4.621	15.1484	17.864	95.670	24.428	1.022	1.097	.653
4900.	5000.0	18841.50	1.278	4.655	15.2142	17.912	97.227	24.621	1.022	1.085	.651
4950.	5000.0	19070.75	1.276	4.688	15.2801	17.959	98.784	24.815	1.022	1.075	.650
5000.	5000.0	19300.00	1.274	4.722	15.3460	18.007	100.341	25.008	1.022	1.064	.649
B *	3	JOB FARMER	OTIS	WTABTP	N04	5	12131217	1	0214	FARMER	Y