

## INTAKE AIR TEMPERATURES (°C) AND MICROMETER CORRECTIONS FOR VARIOUS BAROMETRIC PRESSURES ("Hg)

*Barometer lower than 29.92" Hg - Subtract the listed micrometer correction from the Research Guide Table*

*Barometer higher than 29.92" Hg - Add the listed micrometer correction from the Research Guide Table*

OBS. Barom.	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5
Micrometer Correction	0.156	0.154	0.152	0.150	0.148	0.146	0.144	0.142	0.140	0.138	0.136	0.134	0.132	0.130	0.128
Intake Air Temp °C	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
OBS. Barom.	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0
Micrometer Correction	0.126	0.124	0.122	0.120	0.118	0.116	0.114	0.112	0.110	0.108	0.106	0.104	0.102	0.100	0.098
Intake Air Temp °C	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
OBS. Barom.	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5
Micrometer Correction	0.096	0.094	0.092	0.090	0.088	0.086	0.084	0.082	0.080	0.078	0.076	0.074	0.072	0.070	0.068
Intake Air Temp °C	15.6	15.6	15.6	15.6	15.6	16.1	17.2	17.8	18.9	19.4	20.6	21.1	22.2	22.8	23.9
OBS. Barom.	26.6	26.7	26.8	26.9	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	28.0
Micrometer Correction	0.066	0.064	0.062	0.060	0.058	0.056	0.054	0.052	0.050	0.048	0.046	0.044	0.042	0.040	0.038
Intake Air Temp °C	24.4	25.6	26.1	27.2	27.8	28.9	29.4	30	31.1	31.7	32.8	33.3	34.4	35.0	36.1
OBS. Barom.	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.4	29.5
Micrometer Correction	0.036	0.034	0.032	0.030	0.028	0.026	0.024	0.022	0.020	0.018	0.016	0.014	0.012	0.010	0.008
Intake Air Temp °C	36.7	37.8	38.3	39.4	40.0	41.1	41.7	42.8	43.3	43.9	45.0	45.6	46.7	47.2	48.3
OBS. Barom.	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	
Micrometer Correction	0.006	0.004	0.002	0.000	0.002	0.004	0.006	0.008	0.010	0.012	0.014	0.016	0.018	0.020	
Intake Air Temp °C	48.9	50.0	50.6	51.7	52.2	52.8	53.9	54.4	55.6	56.1	57.2	57.8	58.9	59.4	

## CONVERSION OF MILLILITRES OF TETRAETHYLLEAD PER U.S. GALLON IN ISO-OCTANE TO OCTANE NUMBERS ABOVE 100

TEL. mL U.S. gal	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	TEL. mL U.S. gal
0.0	100.00	100.14	100.28	100.42	100.55	100.68	100.81	100.94	101.07	101.19	0.0
0.1	101.32	101.44	101.56	101.68	101.80	101.92	102.03	102.14	102.26	102.37	0.1
0.2	102.48	102.58	102.69	102.80	102.90	103.01	103.11	103.21	103.31	103.41	0.2
0.3	103.51	103.60	103.70	103.79	103.89	103.98	104.07	104.16	104.25	104.34	0.3
0.4	104.43	104.52	104.61	104.69	104.78	104.86	104.94	105.03	105.11	105.19	0.4
0.5	105.27	105.35	105.43	105.51	105.59	105.66	105.74	105.82	105.89	105.97	0.5
0.6	106.04	106.11	106.19	106.26	106.33	106.40	106.47	106.54	106.61	106.68	0.6
0.7	106.75	106.81	106.88	106.95	107.01	107.08	107.15	107.21	107.27	107.34	0.7
0.8	107.40	107.46	107.53	107.59	107.65	107.71	107.77	107.83	107.89	107.95	0.8
0.9	108.01	108.07	108.13	108.18	108.24	108.30	108.35	108.41	108.47	108.52	0.9
1.0	108.58	108.63	108.69	108.74	108.79	108.85	108.90	108.95	109.01	109.06	1.0
1.1	109.11	109.16	109.21	109.26	109.31	109.36	109.41	109.46	109.51	109.56	1.1
1.2	109.61	109.66	109.71	109.76	109.80	109.85	109.90	109.94	109.99	110.04	1.2
1.3	110.08	110.13	110.17	110.22	110.26	110.31	110.35	110.40	110.44	110.49	1.3
1.4	110.53	110.57	110.62	110.66	110.70	110.74	110.79	110.83	110.87	110.91	1.4
1.5	110.95	110.99	111.04	111.08	111.12	111.16	111.20	111.24	111.28	111.32	1.5
1.6	111.36	111.40	111.43	111.47	111.51	111.55	111.59	111.63	111.66	111.70	1.6
1.7	111.74	111.78	111.81	111.85	111.89	111.92	111.96	112.00	112.03	112.07	1.7
1.8	112.11	112.14	112.18	112.21	112.25	112.28	112.32	112.35	112.39	112.42	1.8
1.9	112.46	112.49	112.52	112.56	112.59	112.62	112.66	112.69	112.72	112.76	1.9
2.0	112.79	112.82	112.86	112.89	112.92	112.95	112.98	113.02	113.05	113.08	2.0
2.1	113.11	113.14	113.17	113.21	113.24	113.27	113.30	113.33	113.36	113.39	2.1
2.2	113.42	113.45	113.48	113.51	113.54	113.57	113.60	113.63	113.66	113.69	2.2
2.3	113.72	113.75	113.77	113.80	113.83	113.86	113.89	113.92	113.95	113.97	2.3
2.4	114.00	114.03	114.06	114.09	114.11	114.14	114.17	114.20	114.22	114.25	2.4
2.5	114.28	114.30	114.33	114.36	114.38	114.41	114.44	114.46	114.49	114.52	2.5
2.6	114.54	114.57	114.60	114.62	114.65	114.67	114.70	114.72	114.75	114.77	2.6
2.7	114.80	114.83	114.85	114.88	114.90	114.93	114.95	114.97	115.00	115.02	2.7
2.8	115.05	115.07	115.10	115.12	115.15	115.17	115.19	115.22	115.24	115.26	2.8
2.9	115.29	115.31	115.34	115.36	115.38	115.41	115.43	115.45	115.48	115.50	2.9
3.0	115.52	115.54	115.57	115.59	115.61	115.63	115.66	115.68	115.70	115.72	3.0
3.1	115.75	115.77	115.79	115.81	115.84	115.86	115.88	115.90	115.92	115.94	3.1
3.2	115.97	115.99	116.01	116.03	116.05	116.07	116.09	116.12	116.14	116.16	3.2
3.3	116.18	116.20	116.22	116.24	116.26	116.28	116.30	116.32	116.34	116.36	3.3
3.4	116.38	116.41	116.43	116.45	116.47	116.49	116.51	116.53	116.55	116.57	3.4
3.5	116.59	116.61	116.63	116.64	116.66	116.68	116.70	116.72	116.74	116.76	3.5
3.6	116.78	116.80	116.82	116.84	116.86	116.88	116.90	116.91	116.93	116.95	3.6
3.7	116.97	116.99	117.01	117.03	117.05	117.06	117.08	117.10	117.12	117.14	3.7
3.8	117.16	117.18	117.19	117.21	117.23	117.25	117.27	117.28	117.30	117.32	3.8
3.9	117.34	117.36	117.37	117.39	117.41	117.43	117.44	117.46	117.48	117.50	3.9