

INTAKE AIR TEMPERATURES (°F) 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 °F	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
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 °F	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
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 °F	60	60	60	60	60	61	63	64	66	67	69	70	72	73	75
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 °F	76	78	79	81	82	84	85	86	88	89	91	92	94	95	97
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 °F	98	100	101	103	104	106	107	109	110	111	113	114	116	117	119
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 °F	120	122	123	125	126	127	129	130	132	133	135	136	138	139	

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