

## INTAKE AIR TEMPERATURES (°F) AND DIGITAL COUNTER CORRECTIONS FOR VARIOUS BAROMETRIC PRESSURES ("Hg)

Barometer **Lower** than 29.92" Hg - Top Digital Counter Reading greater than bottom D.C. Reading

Barometer **Higher** than 29.92" Hg - Top Digital Counter Reading smaller than bottom D.C. Reading

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
Counter Correction	219	216	213	211	208	205	202	199	197	194	191	188	185	183	180
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
Counter Correction	177	174	171	169	166	163	160	157	155	152	149	146	143	141	138
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
Counter Correction	135	132	129	127	124	121	118	115	113	110	107	104	101	99	96
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
Counter Correction	93	90	87	85	82	79	76	73	71	68	65	62	59	57	54
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
Counter Correction	51	48	45	43	40	37	34	31	29	26	23	20	17	15	12
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	
Counter Correction	9	6	3	1	-2	-5	-8	-11	-13	-16	-19	-22	-25	-27	
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
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