



# Tetraethyllead Blending Chart

gPb / U.S. Gallon (1 Litre Volume)



Pb Concentration Required	Octane Number Required	ISO Octane Mls	ISO + 6mls TEL Mls
0.05	100.70	992	8
0.10	101.32	983	17
0.15	101.92	975	25
0.20	102.58	967	33
0.30	103.60	950	50
0.40	104.52	933	67
0.50	105.27	917	83
0.60	106.04	900	100
0.70	106.75	883	117
0.80	107.40	867	133
0.90	108.01	850	150
1.00	108.58	833	167
1.10	109.11	817	183
1.20	109.61	800	200
1.30	110.08	783	217
1.40	110.53	767	233
1.50	110.95	750	250
1.60	111.36	733	267
1.70	111.74	717	283
1.80	112.11	700	300
1.90	112.46	683	317
2.00	112.79	667	333
2.10	113.11	650	350
2.20	113.42	633	367
2.30	113.72	617	383
2.40	114.00	600	400
2.50	114.28	583	417
2.60	114.54	567	433
2.70	114.80	550	450
2.80	115.05	533	467
2.90	115.29	517	483

Pb Concentration Required	Octane Number Required	ISO Octane Mls	ISO + 6mls TEL Mls
3.00	115.52	500	500
3.10	115.75	483	517
3.20	115.97	467	533
3.30	116.18	450	550
3.40	116.38	433	567
3.50	116.59	417	583
3.60	116.78	400	600
3.70	116.97	383	617
3.80	117.16	367	633
3.90	117.34	350	650
4.00	117.50	333	667
4.10		317	683
4.20		300	700
4.30		283	717
4.40		267	733
4.50	118.30	250	750
4.60		233	767
4.70		217	783
4.80		200	800
4.90		183	817
5.00	119.10	167	833
5.10		150	850
5.20		133	867
5.30		117	883
5.40		100	900
5.50	119.70	83	917
5.60		67	933
5.70		50	950
5.80		33	967
5.90		17	983
6.00	120.30	0	1000

Calculation (Using 6mls / US Gallon gPb Concentrate) = Lead concentration required (gPb / U.S. Gallon) Divide by 6 Multiplied by 1000mls