Tetraethyllead Blending Chart

TEL Dilute Type G

gPb / Litre

Pb Concentration Required	Mls TEL (Dilute) to add to 500mls	Mls TEL (Dilute) to add to 1000mls
0.10	0.449	0.897
0.15	0.673	1.346
0.20	0.897	1.794
0.25	1.121	2.243
0.30	1.345	2.691
0.35	1.570	3.140
0.40	1.794	3.588
0.45	2.018	4.037
0.50	2.243	4.485
0.60	2.691	5.382
0.70	3.140	6.279
0.80	3.588	7.176
1.00	4.485	8.970

Calculation

From Can:

1ml TEL (Dilute) = 0.422gPb / US Galllon when added to 1000mls of fuel

1 US Gallon = 3.78533 Litres

1 ml TEL (Dilute) = $\frac{0.422}{3.79533}$ gPb / Litre when added to 1Litre

1mls TEL (Dilute) = 0.11148 gPb / Litre

For leading fuels to gPb / Litre the following equation applies:

$\frac{x}{0.11148}$ = mls of TEL (Dilute) to add to 1000mls.

(X = Concentration in gPb / Litre)

gPb / U.S. Gallon

Pb Concentration Required	Mls TEL (Dilute) to add to 500mls	Mls TEL (Dilute) to add to 1000mls
0.050	0.060	0.119
0.075	0.089	0.178
0.100	0.119	0.237
0.150	0.178	0.356
0.175	0.208	0.415
0.200	0.237	0.474
0.300	0.356	0.711
0.400	0.474	0.948
0.500	0.593	1.185
0.600	0.711	1.422
0.700	0.830	1.659
0.800	0.948	1.896
0.900	1.066	2.133

Calculation

From Can:

2 mls TEL (Dilute) = 2.11gPb / US Gallon when added to 400 mls of fuel.

1 ml TEL (Dilute) = 1.055 gPb / US Gallon when added to 400 mls of fuel.

1 ml TEL (Dilute) = 0.422gPb / US Gallon when added to 1000mls of fuel

For leading fuels to gPb / US Gallon the following equation applies:

$\frac{x}{0.422}$ = mls of TEL (Dilute) to add to 1000mls

(X = Concentration Pb required in gPb / US Gallon)

Registered Office: ADL Petroleum Services Limited • Fairfield • Dulverton • Somerset • TA22 9AT • United Kingdom
Office Tel: +44 (0) 1398 322828 • Lab Tel: +44 (0) 1708 681907 • E-mail: cfr@adl.uk.net • www.adl.uk.net