March 20, 1962

Mr. J. G. Mackenzie
Chief, Division of Air Pollution
Public Health Service
Washington 25, D. C.

Dear Mr. Mackenzie:

I appreciated the opportunity of meeting you and participating in the discussion on the use of Tetramethyllead following Dr. Kehoe's presentation of the results of the field medical study.

In connection with our discussion on mixed lead alkyls you indicated you would like a copy of the composition of these antiknocks, which you will find attached. If you will refer to the map which we used to discuss the areas of use of TML and mixed lead alkyls you will see we did not show the use of the individual antiknocks, but grouped them together under MLA's. The reason for this is that at this time MLA 500 is the only one being used, and this is based upon the economics of antiknock use which we discussed.

If there are any questions please do not hesitate to get in touch with me.

Yours very truly,

Dan M. Guy

DMG:ba
Att.

cc: Dr. W. C. Cooper
Mr. H. V. Doyle
Dr. R. A. Kehoe

KE 0007360

N9591

COMPOSITION

Composition (Weight Per Cent)	TEL Motor Mix
Total Tetraalkyl Lead	61.48
TEL (C_8)	61.48
Et_3Me (C_7)	---
Et_2Me_2 (C_6)	---
$EtMe_3$ (C_5)	---
TML (C_4)	---
Ethylene Dibromide	17.86
Ethylene Dichloride	18.81
Dye	Orange-0.0621
Inerts	1.79

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MOTOR MIX FLUIDS

MLA 250 Motor Mix	MLA 500 Motor Mix	MLA 750 Motor Mix	TML Motor Mix
57.53	53.36	49.42	45.74
19.03	3.67	0.22	---
24.27	13.97	2.55	---
11.59	20.01	10.94	---
2.45	12.71	20.85	---
0.19	3.02	14.86	45.74
17.47	16.97	16.50	16.07
18.40	17.88	17.38	16.94
Orange-0.0631	Orange-0.0647	Orange-0.0663	Red 100-0.0153
6.54	11.75	16.63	21.23