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E. I. Du Pont De Nemours & Company

Post Office Box 1671
Wilmington 99, Delaware

April 30, 1962

Vice Admiral Burton B. Biggs
Office, Ass't. Secretary of Defense (I & L)
Petroleum Logistics Policy
Room 4B-727, The Pentagon
Washington 25, D. C.

Attention: Mr. Herbert Blair

Dear Admiral Biggs:

We are enclosing 40 copies of an expanded version of our report on "Engine Durability Studies in Laboratory Engines and Field Tests with 4 ml TEL." The principal changes in this report, from the one circulated at our meeting on April 17, occur in our discussion of the effect of TEL concentration on gasoline storage stability. We have added the results obtained with a third fuel to the tables showing the effect of time on the formation of gum and sediment; and have extended these tables to show data obtained at 0 and 2 ml TEL per gallon as well as at 3 and 4 ml. We also have made some minor numerical corrections in the section discussing the make-up of the fleet used in our field test of 4 ml TEL per gallon.

Following our meeting on the seventeenth, Mr. Blair said that he would be willing to circulate to the participants any additional information which we might wish to submit. We would appreciate it if he would now send out copies of our expanded report, suggesting that those holding copies of the original report discard them and replace with the later version. The cooperation of your office in handling this matter is much appreciated.

It was a pleasure to meet you and to have the opportunity of participating in the discussion of lead alkyl usage in Federal specification gasolines.

Very truly yours,

/s/ K. F. Green

Engineering Division

REF 0307372

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Meeting Date: April 17, 1962 at 9 A.M.

Place: Adm. B. B. Biggs' office

Subject: Tetramethyllead and lead antiknocks use

Agenda: Introduction of meeting Adm. B. B. Biggs

Report on year's field study of the
medical aspects of TML Dr. R. A. Kehoe*

Summary report of application work
done in connection with concentrations
of lead antiknocks up to 4.23 gms Pb/
gallon E. I. duPont
Ethyl Corporation

Discussion and Conclusions

Dr. Kehoe has suggested that his presentation and possible discussions following should be completed in one hour.

It is believed that the summary of application and durability work, including possible discussion, should require not more than one hour. In the event it is necessary, individual discussions may be arranged following the general meeting.

* Director Kettering Laboratory
Department of Preventive Medicine and
Industrial Health
College of Medicine
University of Cincinnati

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