

THE ATLANTIC REFINING COMPANY

PETROLEUM PRODUCTS

3144 PASSYUNK AVENUE

PHILADELPHIA 1, PA.

September 18, 1953

Dr. Seward E. Miller
Medical Director Chief
Division of Industrial Hygiene
Federal Security Agency
Public Health Service
Washington 25, D.C.

Dear Dr. Miller:

The Atlantic Refining Company has been requested by Technical Committee J of the American Society of Testing Materials to set up a minimum color standard for brown aviation fuel to identify Grade 108/135. It is our understanding that a similar sample identified as Experimental Brown III-A was submitted by the Ethyl Corporation per their letter dated March 9, 1951. This sample was composed of:

Orange - 5 mg. per gallon
Red - 2.25 mg. per gallon
Blue - 2.6 mg. per gallon
Total - 9.85 mg. dye per gallon

In your reply, which was addressed to Mr. R. V. Kerley of the Ethyl Corporation, you indicated that, while brown was a poor color, the sample submitted would appear to be distinctive enough to satisfy Regulation 9 for leaded fuels. Since you have never specified a minimum dye concentration on a gram basis it is felt that this minimum color should be checked with you before supplying it to the industry.

A sample representing the proposed minimum standard has been forwarded to you under separate cover. We would appreciate your reaction to this sample.

Very truly yours,

M. Hancock

cc: Messrs. F. C. Burk
H. W. Field
W. T. Gunn
J. T. Hendren
E. D. Jeffus

R. A. Kehoe ✓
R. V. Kerley
K. G. Krech
A. E. Miller
J. J. Mikita

Messrs. Jeffus, Kehoe:

One gallon of each, the minimum and maximum (1.2 concentration minimum) have been forwarded to each of you.