

cc: Mr. H. Soroos (2)
Dr. R. A. Kehoe (2)
Mr. H. W. Kellogg-Robinson

Mr. H. Kuhe - Distler

Chicago

E. O. Jones

New York

Vitol fluid
Canton Refining Company

August 6, 1948

Reference is made to your memorandum of August 2nd.

We have no information in this office as to the particular blend from which Vitol sample No. 4 was secured, although it seems likely that it may be recent and may actually be a combination of the first and second blends at this location. It may also be presumed that the blending target was 3.00 cc per gallon. It goes without saying that we cannot approve the blending of Vitol at concentrations exceeding 3 cc per gallon, particularly in view of the fact that this has been the maximum concentration for gasoline over the period of years, and in view of the fact that Vitol is still being studied by the Kettering Laboratory.

You are aware of the discrepancies in lead content reported on the various samples submitted from the Canton Refining Company, the causes of which we in New York do not know. There seems some likelihood that the softness of the water may have a marked influence in precipitating some of the lead. Therefore, we question whether sample No. 4 is representative of the body of the Vitol in Canton's blending tank. It was because of the discrepancy that we requested, several weeks ago, that all samples be sent to Detroit in the hope that a suitable method of testing would be evolved and that we would eventually arrive at a reliable method.

If, in fact, the body of the material in the Canton blending tank can be determined by additional samples to contain more than 3 cc per gallon, it is recommended that sufficient unleaded Vitol be added immediately to bring the concentration down to 3 cc or below. It is certainly to be hoped that through Detroit's efforts and those of our field people, we will shortly arrive at blending, sampling, and testing methods which can be relied upon to keep the blending of Vitol under the same careful control now exercised over the blending of leaded gasoline.

We would appreciate your following this matter with Dr. Soroos and with your safety people in the field. By means of a copy of this letter we are requesting Detroit to send copies of Vitol sample analyses to us in New York until further notice.

Thank you very much for calling this discrepancy to our attention.

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KE