

January 6, 1941

Dr. George Calingaert
Ethyl Gasoline Corporation
1600 West Eight Mile Road
Detroit, Michigan

Dear Cal:

Herbert Neal has been here and has been of considerable assistance to us in outlining the service requirements and maintenance operations on the stove.

One further bit of information that we have asked him to get for us is your method for preparing the filter discs for analysis. Our previous experience with materials of this type leads us to believe that extraction with hot 1:1 nitric acid will usually remove all of the lead and eliminate the necessity for digestion with hydrofluoric acid which is usually heavily contaminated.

One further point, what chemical method did you use for analysis for bromine and normally, how do you calculate your results of combustion or exhaust mixtures in terms of lead bromide or lead chloride?

Cordially,

WM:vr

Willard Machle, M.D.

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