

ETHYL CORPORATION

RESEARCH AND DEVELOPMENT DEPARTMENT

RESEARCH LABORATORIES • 1600 WEST EIGHT MILE ROAD
FERNDALE 20, DETROIT, MICHIGAN

November 10, 1961

Dr. R. A. Kehoe
Kettering Laboratory
College of Medicine
Eden & Bethesda Avenues
Cincinnati 19, Ohio

Dear Dr. Kehoe:

As discussed in our telephone conversation today, I am attaching copy of the letter from George Unzelman, our chief refinery technologist in Los Angeles, to Mr. Huxtable, our regional sales manager, covering the percentage of gasoline sold in the Bakersfield-Fresno area containing higher than 3.17 grams of lead per gallon.

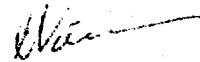
As mentioned, our records show that the majority of the estimated 33.2% gasoline contains more than 3.17 grams. Actually, we would guess it contains closer to 3.7 grams, or 3 1/2 ml per gallon.

With regard to other areas in the United States where customers are consistently selling concentrations higher than 3.17 grams, we are in the process of bringing our figures up to date. Therefore we will supply you this information in the immediate future.

In connection with my visit to Washington next week with regard to lead limitations, I will keep you advised of any happenings which may be pertinent.

Kindest personal regards.

Yours very truly,



Dan M. Guy

DMG:ba
Att.

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Mr. Kehoe

Mr. L. L. Hunttable

Los Angeles

Mr. G. H. Unzelman

Los Angeles

Gasoline Sold in Bakersfield-Fresno
Area

November 1, 1961

Recently you requested an estimate of the amount of gasoline sold in the Bakersfield-Fresno area containing over 3.17 gms of lead per gallon. A check with John Koskula has shown that all gasoline manufactured in Bakersfield is sold in the general "valley" area. This should make the following figures based on refinery through-put quite reliable:

% Premium over 3.17 gms Pb	41.4
% Regular over 3.17 gms Pb	28.7
% Total gasoline over 3.17 gms Pb	33.2

Estimates were based on the following:

1. Six month average of lead levels in premium and regular marketed in the Bakersfield-Fresno area as tabulated in the Gasoline Quality Survey.
2. Known crude capacity of the Bankline, Standard of California, Sunland, Caminol, Mohawk, and Douglas refineries.
3. The premium-regular ratio was assumed to be 35 - 65 respectively.

George H. Unzelman

GHU:fg

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