

bcc: Dr. R. A. Kehoe ✓
Dr. G. F. Kirby
Mr. M. P. Murdock
Mr. S. T. Pruitt
Mr. M. A. Taylor
Mr. F. P. Warne

March 9, 1960

Mr. H. N. Doyle, Assistant Chief
Occupational Health Program
Division of Special Health Services
Department of Health, Education and Welfare
Washington 25, District of Columbia

Subject: Domestic TEL Use - 1959

Dear Mr. Doyle:

In accordance with the recommendations of Public Health Service Publication #712, entitled "Public Health Aspects of Increasing Tetraethyl Lead Content in Motor Fuel," the Ethyl Corporation herewith reports the following information with respect to domestic tetraethyl lead use during the calendar year 1959:

1. Average TEL Content of automotive gasoline, 1.99 ml/gallon
2. Estimated TEL used in automotive gasoline, 412 million pounds
3. Estimated TEL used in aviation gasoline, 46 million pounds

In arriving at the estimates given in items 2 and 3, Bureau of Mines gasoline demand data were used after exclusion of naphthas. On the basis of our surveys for the past few years, it was assumed that 98.5% of the automotive gasoline and 99.8% of the aviation gasoline was treated with tetraethyl lead. The Bureau of Mines' data were taken from their monthly reports and are still subject to revision.

The average TEL content of domestic automotive gasoline, as given in item 1, is a weighted value developed from Ethyl's monthly surveys of gasoline quality at service stations. The December 1959 survey which is enclosed includes a chart at the bottom of Page 2 showing average TEL contents monthly, for the period from December 1957 through December 1959.

If we can be of further service, we will be glad to have your inquiry.

Very truly yours,



M. E. Collins, Manager
Marketing Analysis & Planning

MEC/JP

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