

Mr. E. O. Jones

New York

R. R. Faller

Detroit

"Ethyl" TEL for E. J. Gay

July 12, 1948

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113.10

In line with your suggestion as given in our telephone conversation July 9, I started to make preparation to furnish Mr. Errol J. Gay, a former member of our laboratory staff, 270 cc of "Ethyl" brand of antiknock compound (180 cc TEL) in a sealed liter can, a graduate, a pair of rubber gloves, and a canister gas mask. Mr. Gay is driving an experimental car on a transcontinental trip and will use the fluid only if necessity requires. It is his belief that he will not have to treat more than 60 gallons of gasoline in 10 gallon lots using a maximum concentration of 3 cc TEL per gallon.

Upon further search I found in our storage house a supply of half-pint tin cans with soldered seams and screw caps. In view of the fact that we are willing to entrust concentrated fluid to Mr. Gay, it seems to me that it would be more practical to furnish him six half-pint cans containing sufficient TEL to treat 10 gallons of gasoline each with the TEL diluted with iso-octane. This method will permit Mr. Gay to pour the fluid directly into the fill pipe of the car and avoid the use of a graduate which might introduce some hazard. As a consequence of this discovery, we are furnishing Mr. Gay with six cans appropriately boxed, a pair of rubber gloves, and a cap wrench. He understands fully how to use the fluid and will return all of the equipment including the empty cans unwashed at the end of his trip.

R. R. Faller
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RRF:gs

cc: Mr. C. D. Hawley
Mr. E. J. Gay

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