

November 6, 1934

Mr. John A. Drum
Pure Oil Company
Syracuse, New York

Dear Mr. Drum:

My associate Dr. Crudgington has reported to me that you are quite anxious to know the extent of the dangers in relation to lead poisoning which are likely to be experienced by garage mechanics who work on cars that use Ethyl Gasoline. I should be very glad if you would let me know just what angle of this question has excited your interest, or whether there is a peculiar aspect of the problem that is of special interest to you.

On a number of occasions we have investigated the lead absorption of a large number of the most prolonged and most seriously exposed garage mechanics, without finding any evidence that there were any dangers from lead absorption associated with their work. Moreover, we have studied several men daily over a period of several months under conditions which in my opinion produce the maximal lead exposure associated with the handling of cars using Ethyl Gasoline. We have completely failed to find evidences of significant lead exposure. The results of these later studies have not been published as yet, but will be published in the near future. Our former studies on a large number of garage mechanics taken at random were published in the Journal of Industrial Hygiene for March 1934. Actually we regard this problem as conclusively settled. On the other hand, we are always ready to look into any new aspects of the problem which may arise, and I should be very grateful to you, therefore, if you would give me any facts of evidences, or even opinions, which impress you as being suggestive of danger in this field.

Very truly yours,

RAK:IS

Robert A. Kehoe, M.D.

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