

May 4, 1959

Dr. C. D. Walther
Texaco Medical Department
Texaco Incorporated
P.O. Box 712
Port Arthur, Texas

Dear Doctor Walther:

I feel sure that you are aware of the facts of which I shall speak in relation to this case, but no harm will have been done in mentioning them.

With reference to the analytical results, first, I think it wise to point out that the absorption of tetraethyl lead does not elevate the lead content of the blood materially, but it does elevate the urinary lead concentration greatly and promptly. In this instance neither fluid is high in its lead content, and thus no exposure to lead, either organic or inorganic, has occurred.

There is only the slightest exposure to lead in connection with the handling of leaded gasoline (it is, in fact, theoretical, rather than significant).

Lead absorption must be severe and prolonged in order to induce paralysis. I have never seen such a lesion otherwise.

The absorption of tetraethyl lead has never been known to induce peripheral neuritis or paralysis of any other type.

I mention these matters only because they seem to be pertinent connections with a medical problem of this type, and certainly the matter must be looked into, as you have done.

Cordially yours,

Robert A. Kehoe, M.D.

Dictated but not read.

Enclosures

N13185

RAK:ss

KE 0012619

Name:

Material: Urine and Blood

Submitted: 4-24-59 by Dr. C. D. Walther, Texaco Medical Department,
Texaco Incorporated, P. O. Box 712, Port Arthur, Texas

Required: Lead Analyses

URINE

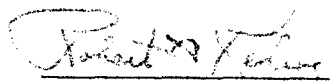
Analysis Number	-	59A-4234
Volume	-	53 ml.
Specific Gravity	-	1.030
Mg. Pb/Liter	-	0.03

BLOOD

Analysis Number	-	59A-4235
		<u>Spectrographic</u> <u>Dithizone</u>
Grams	-	14.3 16.3
Mg. Pb/100 Grams	-	0.04 0.02

The levels of lead concentration in the urine and blood are at the mean normal values. This man has not absorbed abnormal quantities of lead from any source recently.

Signed:


Robert A. Kehoe, M. D.

Samples Collected: 4-20-59
Samples Received: 4-24-59
Samples Reported: 4-29-59

N13185.01

RF 0010000

KETTERING LABORATORY
UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE

REQUEST FOR INVESTIGATION

Name of Patient _____ Race Negro Sex M Age 48 S M W D

Address 219 W. 12th Street, Port Arthur, Texas

Request by Dr. C. D. Walther, Texaco Medical Dept. Hospital # _____
Ward _____

Date 4-20-59

History: (Including nature of exposure, actual time of exposure if known or surmised, and especially the last day or hour of exposure; character and time of onset of illness; course of illness and present status; previous pertinent medical history.)

Was pouring gasoline at home and had a fair amount of pressure on his left arm due to his position. Developed immediate wrist drop within the following 5 minutes which persists.

Physical Findings:

Has definite wrist drop, weakness of his extensors and thumb.

Laboratory Findings:

Impression: Traumatic Radio-neuritis, non-industrial

Treatment (specify date(s)): None

Investigation Desired: Would like to obtain lead levels ~~x~~ for medical legal purposes.

Note: The Kettering Laboratory makes a charge for reimbursement of the cost of services rendered on the customary professional basis of the economic status of the patient as determined by his physician.

April 29, 1959

Dr. C. E. Walther
Texaco Medical Department
Texaco Incorporated
P.O. Box 712
Port Arthur, Texas

Dear Doctor Walther:

I am sending you herewith the results of the analysis of the urine and blood of [REDACTED] together with invoice covering the cost of analysis. No interpretation is being sent at this time since Dr. Kehoe is absent from the office, but the matter will receive his attention when he returns if he feels any further comments are necessary.

Very truly yours,

S. Skora, Secretary to
Dr. Kehoe

Enclosures.

N13185.03

KE 0012622

THE KETTERING LABORATORY
COLLEGE OF MEDICINE
EDEN AND BETHESDA AVENUES
CINCINNATI 19, OHIO

April 29, 1959

To: Texaco Medical Department
Texaco Incorporated
P.O. Box 712
Port Arthur, Texas

Attention: Dr. C. D. Walther

For: Reimbursement of The Kettering Laboratory for the
analysis of the urine and blood of [REDACTED]
for the determination of lead.

2 Analyses at \$12.50 each \$25.00

N13185.04

KE 0012623