

May 8, 1932

Sample of 200 mesh material obtained by screening the material from the bottom of Tank # 22.

A 25 gram sample was screened.

20 grams remained on the screen.

5 grams passed through the screen.

The peculiar musty odor noticed in the original sample is noticed in the 200 mesh powder. After extracting the 200 mesh material with ether the residue does not have this odor.

0.56% Lead as organic compounds extractable with ether.

6.11 % Lead both as organic and inorganic compounds.

May 2, 1932

Sample submitted by Dr. L. Schradin.

Material from the bottom of Tank # 22 of the Standard
Oil Company of Indiana at River Rouge, Michigan.

Mr. A. Bredlow, Superintendent.

This is chiefly iron rust. A peculiar musty odor is
noticeable in this sample. The residue remaining
after extracting with ether does not have this odor.

0.50% Lead as organic compounds extractable with ether.

5.41% Lead both as organic and inorganic compounds.

KE 0017176

May 2, 1932

Sample submitted by Dr. L. Schradin.

Material from angle iron 10 inches off bottom of tank #2
of the Standard Oil Company of Indiana at River Rouge,
Michigan.

Mr. A. Bredlow, Superintendent.

This is chiefly iron rust. The peculiar musty odor
noticed in the sample from the bottom of tank # 22
was very slight in this sample.

0.019 % Lead as organic compounds extractable with ether.

1.32% Lead both as organic and inorganic compounds.

KE 0017177

May 2, 1932

Sample submitted by Dr. L. Schradin.

Taken from Tank #23 of the Standard Oil Company of Indiana
at River Rouge, Michigan.

Mr. A. Bredlow, Superintendent.

This is a sample of water in which is floating some particles
of iron rust and on top of which is a tarry material.

1.38 mgs. Lead in ether extract of sample.

3.60 mgs. Lead found in 100 c.c of the water.

2.48 mgs. Lead found in the residue remaining after the water
and ether had been separated. This residue was a
very small quantity of rust.

KE 0017178

May 2, 1932

Sample submitted by Dr. L. Schradin

Scale from the shell of Tank # 22 of the Standard Oil
Company of Indiana at River Rouge, Michigan.

Mr. A. Bredlow, Superintendent.

This scale is chiefly iron rust.

0.003% Lead as organic compounds extractable with ether.

0.57% Lead both as organic and inorganic compounds.

KE 0017179