

Clambra

## **OIL ANALYSIS REPORT**

OKLAHOMA/102/EG - DOZER KLAHOMA^102^EG - DOZER] iine

ded} (--- GAL)



Sample Rating Trend



NORMAL

SAMPLE INFORMATION method WC0478574 WC0451247 WC0465333 Sample Number **Client Info** Sample Date Client Info 30 Sep 2020 05 Aug 2020 09 Jun 2020 Machine Age hrs **Client Info** 6486 6156 5845 Oil Age hrs Client Info 500 311 250 Oil Changed Changed **Client Info** Changed Changed NORMAL Sample Status NORMAL NORMAL CONTAMINATION Fuel >5 <1.0 WC Method <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG Glycol WC Method NEG NEG NEG WEAR METALS >100 45 26 12 Iron ppm ASTM D5185m ASTM D5185m >20 <1 Chromium ppm <1 <1 Nickel >2 ppm ASTM D5185m <1 <1 0 Titanium ppm ASTM D5185m >2 <1 <1 <1 Silver ASTM D5185m >2 0 0 0 ppm 5 Aluminum ASTM D5185m >25 4 5 ppm 2 Lead ASTM D5185m >40 <1 0 ppm ASTM D5185m >330 2 2 2 Copper ppm 0 0 Tin ppm ASTM D5185m >15 <1 Antimony ppm ASTM D5185m 0 0 2 0 0 Vanadium ASTM D5185m 0 ppm 0 0 Cadmium ppm ASTM D5185m <1 ASTM D5185m 33 19 29 Boron ppm Barium ppm ASTM D5185m 0 0 0 38 Molybdenum 30 ppm ASTM D5185m 17 Manganese ASTM D5185m <1 <1 ppm <1 Magnesium ppm ASTM D5185m 622 532 544 Calcium ppm ASTM D5185m 1504 1729 1562 Phosphorus ppm ASTM D5185m 732 782 706 Zinc 853 854 807 ppm ASTM D5185m Sulfur ASTM D5185m 2410 1932 2008 ppm CONTAMINANTS 6 Silicon ASTM D5185m >25 7 6 ppm 6 Sodium ASTM D5185m 5 4 ppm >20 2 9 0 Potassium ppm ASTM D5185m **INFRA-RED** Soot % % \*ASTM D7844 >3 0.9 0.8 0.7 Nitration Abs/cm \*ASTM D7624 >20 10.8 9.6 9.2 Sulfation Abs/.1mm \*ASTM D7415 >30 22.6 22.7 22.6 FLUID DEGRADATION

\*ASTM D7414

Abs/.1mm

Base Number (BN) mg KOH/g ASTM D2896

>25

18.8

8.3

35.99L [OKLAH Component Diesel Engine Fluid {not provided} (
ice interval to monitor. type, and viscosity of the
are normal.

Area

## Contamination

There is no indication of any contamination in the oil

## Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

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Oxidation

Submitted By: SKYLAR BOATMAN

20.4

10

20.5

9.8



## **OIL ANALYSIS REPORT**







Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Certificate 12367

Laboratory

Sample No.

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