## **OIL ANALYSIS REPORT**

### MCCLOSKEY 78995 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA056247

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION VPA056247 VPA049706 Sample Number Sample Date 23 Jan 2024 19 Oct 2023 Machine Hours 0 466 500 **Oil Hours** 466 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C 12.8 cSt 13.9 Base Number (BN) mg KOH/g 9.8 8.3 Oxidation (PA) % 63 57 CONTAMINATION NEG Water % NFG % Soot % 0 0.1 Nitration (PA) % 40 53 Sulfation (PA) % 63 52 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 6 9 ppm Sodium 2 < 1 ppm Potassium 3 2 ppm WEAR METALS 11 Iron 1 ppm 0 3 Copper ppm Lead 0 ppm **||** < 1 Tin ■ <1 | <1 ppm Aluminum 2 ppm 4 Chromium 0 < 1 ppm Molybdenum 61 ppm 112 Nickel ■ <1 0 ppm Titanium ppm 0 🔲 0 Silver ■ <1 0 ppm Manganese <1 1 ppm Vanadium ppm 0 0 **ADDITIVES** 1220 Calcium 1387 ppm 652 868 Magnesium ppm Zinc ppm 786 1285 Phosphorus ppm 681 1020 Barium **<**1 0 ppm Boron ppm 370 54

Report Date: 29 Jan 2024 Contact/Location: WAYNE BESEDA - VP1121775

VP1121775

10847954

Don Baldridge

Depot:

Signed:

Unique No:



MCCOURT & SONS EQUIPMENT INC 5141 HWY 71 W LA GRANGE, TX US 78945 Contact: WAYNE BESEDA wklesel@mccourtandsons.com T: (979)242-5298

#### Diagnosis

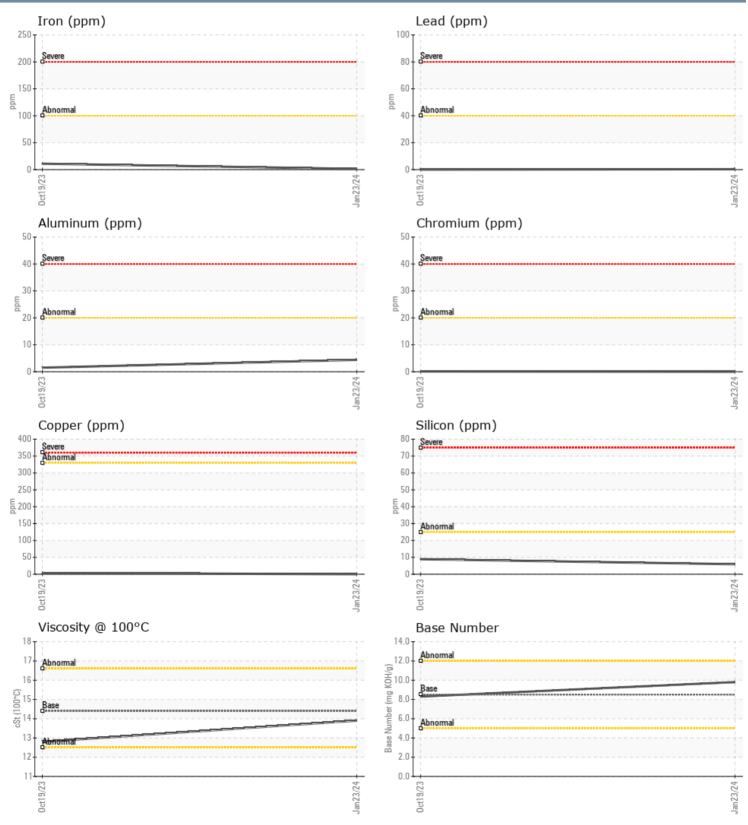
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Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP1121775 [WUSCAR] 06071277 (Generated: 01/30/2024 22:03:46) Rev: 1

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