## **OIL ANALYSIS REPORT**

## JE DUNN 6614 ONAN 505-20 1070104350 - GENSET

Sample No: VPA060817

Oil Type: {unknown}

#### SAMPLE INFORMATION VPA060817 Sample Number Sample Date 15 Apr 2024 Machine Hours 1421 **Oil Hours** 0 Oil Changed Not Changd SEVERE Sample Status **OIL CONDITION** Base Number (BN) mg KOH/g 44.1 344 Oxidation (PA) % CONTAMINATION Water % **30.7** % 1 Soot % Nitration (PA) % 1070 Sulfation (PA) % 0 Glycol % **0.10** % Fuel <1.0 Silicon ppm 11 Sodium ppm **2608** Potassium **116** ppm WEAR METALS **1**63 Iron ppm **4** Copper ppm Lead ppm 1 🔲 Tin 2 ppm Aluminum ▲ 34 nnm

Aluminum	ppm	- 54	 	
Chromium	ppm	<u> </u>	 	
Molybdenum	ppm	13	 	
Nickel	ppm	3	 	
Titanium	ppm	1	 	
Silver	ppm		 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

### ADDITIVES

Calcium	ppm	1049	 	
Magnesium	ppm	872	 	
Zinc	ppm	703	 	
Phosphorus	ppm	623	 	
Barium	ppm	1	 	
Boron	ppm	126	 	

#### **Northwest Diesel Power**

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: TRAVIS THOMAS ttdiesel@yahoo.com T: (360)739-9525 F:

### Diagnosis

We advise that you check for the source of the coolant leak. Check for low coolant level. We recommend that you drain the oil and perform a filter service on this component if not already done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Please note that there was too much water present in the oil to perform a viscosity test.Piston, ring and cylinder wear is indicated. Sodium and/or potassium levels are high. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP759009

 Unique No:
 10983030

 Signed:
 Jonathan Hester

 Report Date:
 23 Apr 2024

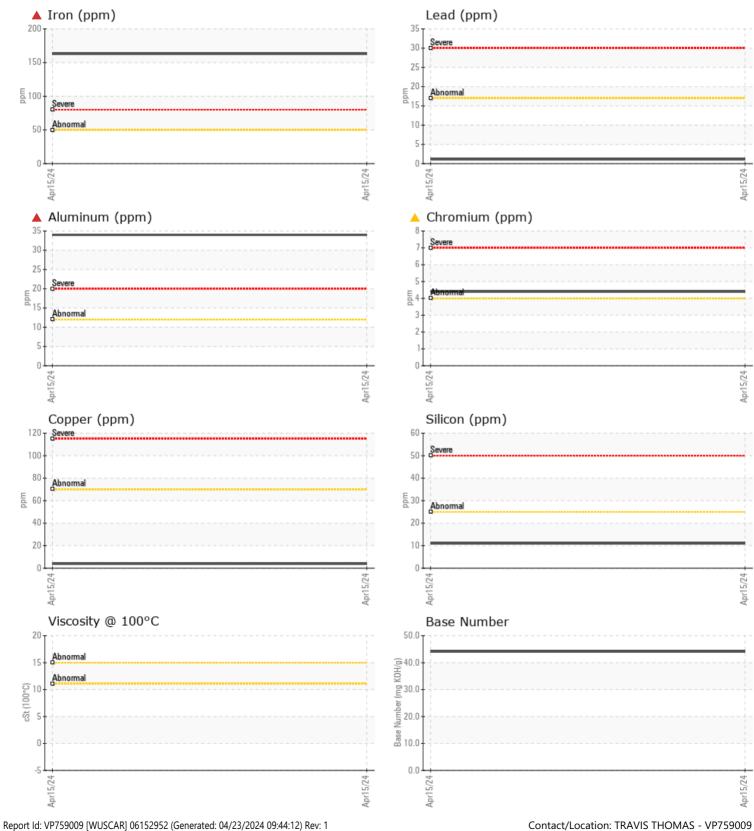
Contact/Location: TRAVIS THOMAS - VP759009



# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: TRAVIS THOMAS - VP759009