## **OIL ANALYSIS REPORT**

### VOLVO PENTA 2071135384 - PORT DIESEL ENGINE

Sample No: VPA060485

Oil Type: DIESEL ENGINE OIL SAE 15W40

#### SAMPLE INFORMATION Sample Number VPA060485 09 Oct 2023 Sample Date Machine Hours 656 **Oil Hours** 20 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 14.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 67 CONTAMINATION Soot % % 0.1 % Nitration (PA) 48 Sulfation (PA) % 55 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 4 ppm Potassium ppm 5 WEAR METALS 58 Iron ppm Copper 15 ppm Lead ppm 3 Tin ■ <1 ppm Aluminum ppm 58 Chromium 3 ppm Molybdenum ppm 7 Nickel ■ <1 ppm Titanium **||** <1 ppm Silver ppm **||** <1 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1919 ppm Magnesium 104 ppm Zinc ppm 1142 Phosphorus ppm 974 Barium ppm 0 🔲 153 Boron ppm



FLORIDA DETROIT DIESEL - 531006 - 1125774 1128 CHESTNUT AVE

PANAMA CITY, FL US 32401 Contact: RICHARD ROBERTS ri.roberts@ssss.com T: (850)763-7656 E:

#### Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

 Depot:
 VPFLOPAN

 Unique No:
 10687240

 Signed:
 Angela Borella

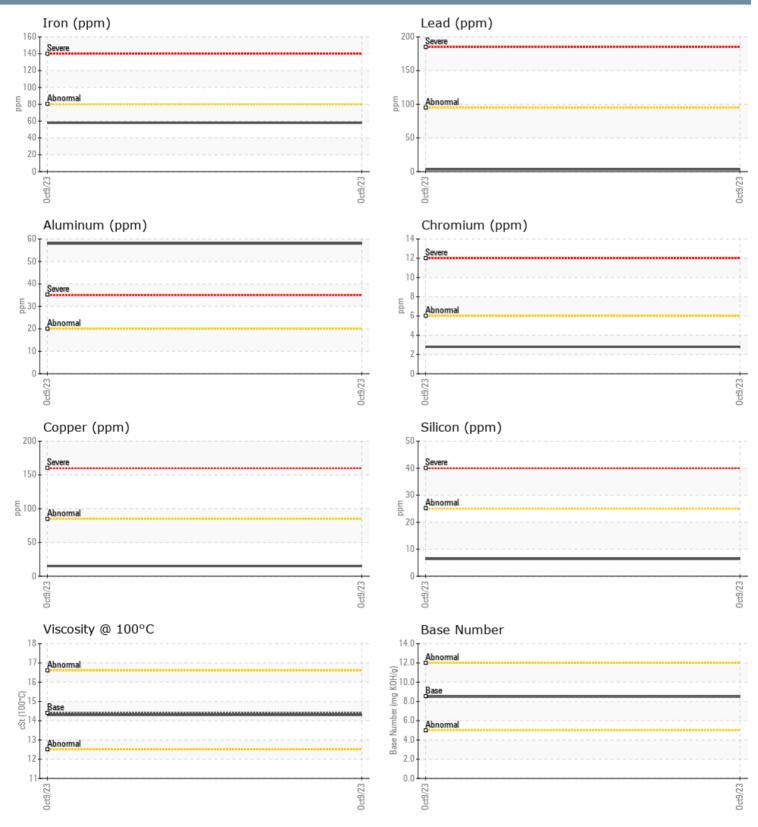
 Report Date:
 12 Oct 2023

Contact/Location: RICHARD ROBERTS - VPFLOPAN

# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: RICHARD ROBERTS - VPFLOPAN