OIL ANALYSIS REPORT

VOLVO PENTA 1012624649 - PORT DIESEL ENGINE

Sample No: VPA046100

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA046100 Sample Number 05 Oct 2023 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 9.4 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 % Nitration (PA) 53 Sulfation (PA) % 53 % Glycol NEG Fuel % <1.0 Silicon ppm 4 Sodium 12 ppm Potassium ppm 2 WEAR METALS Iron ppm ■ <1 1 Copper ppm Lead ppm 0 Tin 0 ppm Aluminum 1 ppm Chromium 0 ppm Molybdenum 39 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1606 ppm Magnesium 484 ppm 1288 Zinc ppm Phosphorus ppm 1049 Barium ppm 0 🔲 59 Boron ppm

Monmouth Marine Engines Inc 536 UNION LN BRIELLE, NJ US 08730-1421 Contact: Laura Clarkin monmouthmarine@gmail.com T: F:

Diagnosis

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.

 Depot:
 VP153457

 Unique No:
 10683265

 Signed:
 Don Baldridge

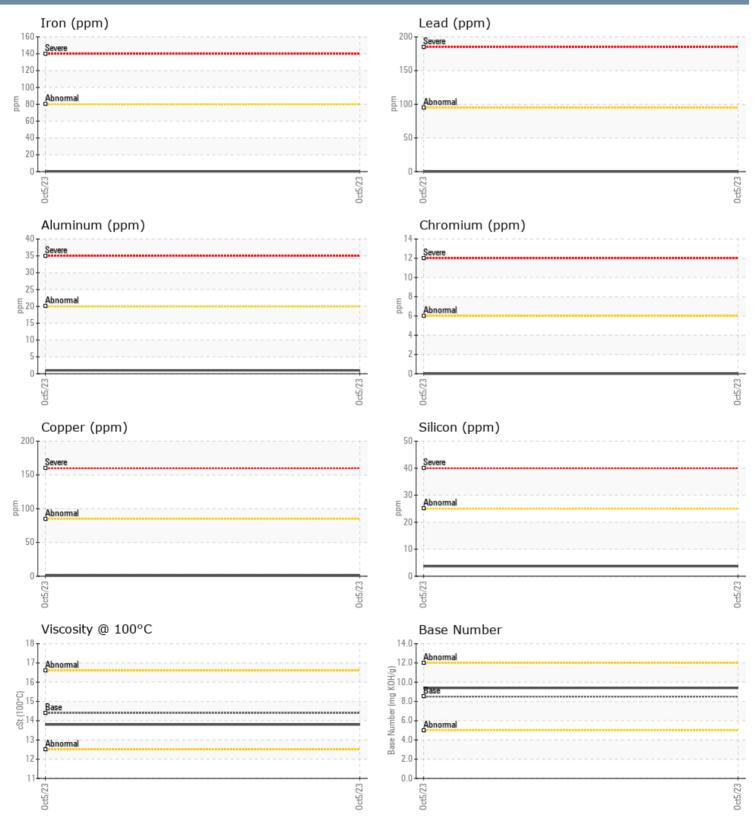
 Report Date:
 10 Oct 2023

Contact/Location: Laura Clarkin - VP153457

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GRAPHS



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