OIL ANALYSIS REPORT

VOLVO PENTA

7011467443 - PORT DIESEL ENGINE

Sample No: VPA036662

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA036662 Sample Number 13 Nov 2023 Sample Date Machine Hours 281 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.9 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 55 CONTAMINATION Soot % % 0.1 % Nitration (PA) 44 Sulfation (PA) % 52 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 0 🔲 ppm Potassium ppm 1 WEAR METALS Iron ppm 5 9 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum 2 ppm Chromium **||** < 1 ppm Molybdenum ppm 57 Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese 0 🔲 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1045 ppm Magnesium 964 ppm Zinc ppm 1352 Phosphorus ppm 1103 Barium ppm 0 🔲 Boron ppm 2

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith_advanceddiesel@yahoo.com T: (239)580-8731 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 acceptable for the time in service.

 Depot:
 VPADVNAP

 Unique No:
 10741283

 Signed:
 Don Baldridge

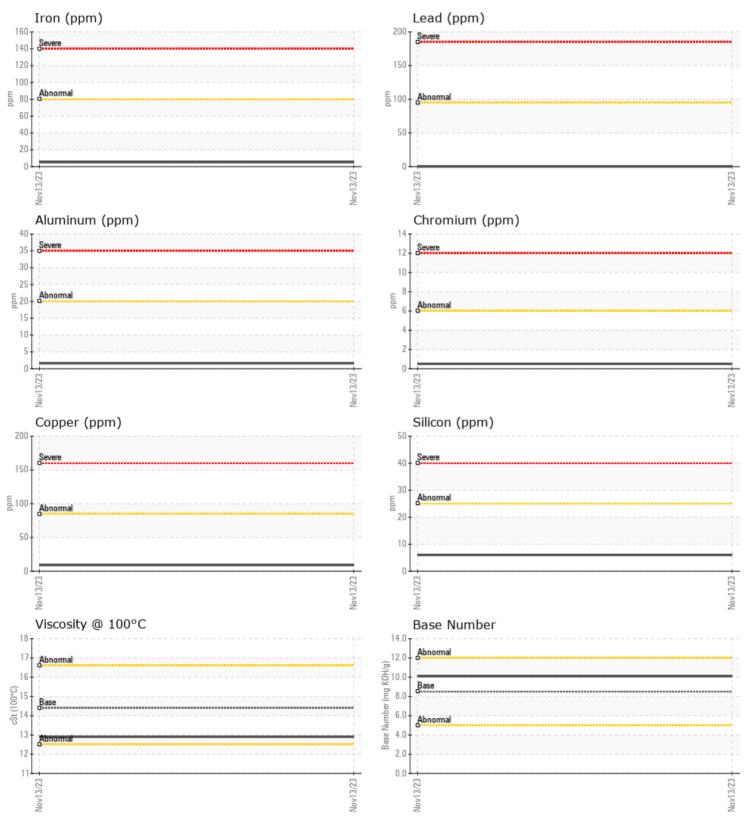
 Report Date:
 16 Nov 2023

Contact/Location: KEITH SPICER - VPADVNAP

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GRAPHS



Report Id: VPADVNAP [WUSCAR] 06007521 (Generated: 11/17/2023 00:13:42) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP