OIL ANALYSIS REPORT



VOLVO PENTA A 1089705 - PORT DIESEL ENGINE

Sample No: VPA051962

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION VPA051962 Sample Number 01 Nov 2023 Sample Date Machine Hours 105 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** cSt Visc @ 100°C 13.4 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 55 CONTAMINATION Soot % % 0.1 % Nitration (PA) 39 Sulfation (PA) % 52 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium 2 ppm Potassium **||** <1 ppm WEAR METALS 14 Iron ppm 5 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum 2 ppm Chromium **||** < 1 ppm Molybdenum 58 ppm Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm 0 Vanadium ppm **ADDITIVES** Calcium 1040 ppm Magnesium 887 ppm Zinc ppm 1202 Phosphorus ppm 991 Barium ppm 0 🔲 Boron ppm 34

SEATECH MARINE

98 TRINIDAD DR TIBURON, CA US 94920 Contact: JASON FELIX jfelixseatech@gmail.com T: (510)314-7641 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:
 VPSEATIB

 Unique No:
 10743026

 Signed:
 Don Baldridge

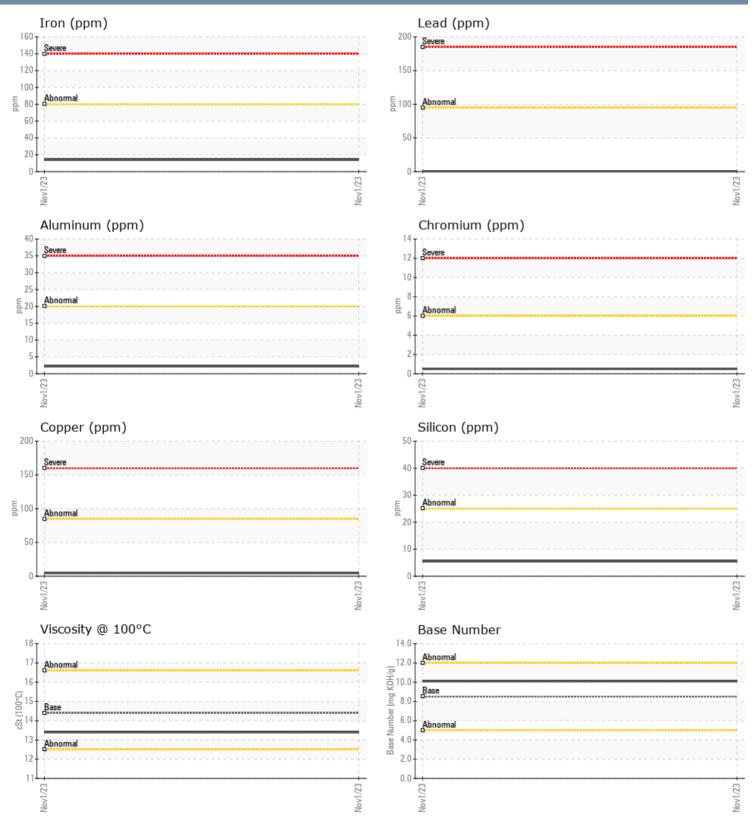
 Report Date:
 19 Nov 2023

Contact/Location: JASON FELIX - VPSEATIB

OIL ANALYSIS REPORT



GRAPHS



Contact/Location: JASON FELIX - VPSEATIB