OIL ANALYSIS REPORT

BRIAN MARGETT 41421 VOLVO PENTA 7008461425 - PORT DIESEL ENGINE

Sample No: VPA031445

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION VPA031445 Sample Number 07 Feb 2022 Sample Date Machine Hours 131 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** T: F: 12.9 Visc @ 100°C cSt Base Number (BN) mg KOH/g 11.2 Oxidation (PA) % 60 CONTAMINATION Soot % % 0.1 % Nitration (PA) 46 Sulfation (PA) % 55 % Glycol NEG Fuel % <1.0 Silicon ppm 12 Sodium 3 ppm Potassium ppm **||** <1 WEAR METALS Iron ppm 13 Copper 11 ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm 2 Chromium **||** < 1 ppm Molybdenum ppm 57 Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm **||** <1 Manganese ■ <1 ppm Vanadium 0 ppm ADDITIVES Calcium 1057 ppm Magnesium 959 ppm Zinc ppm 1134 Phosphorus ppm 1044 Barium ppm 0 🔲 Boron ppm 3



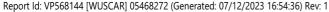
- F 4-2 C) Devin 1

VOLVO PENTA

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.com T:

Diagnosis

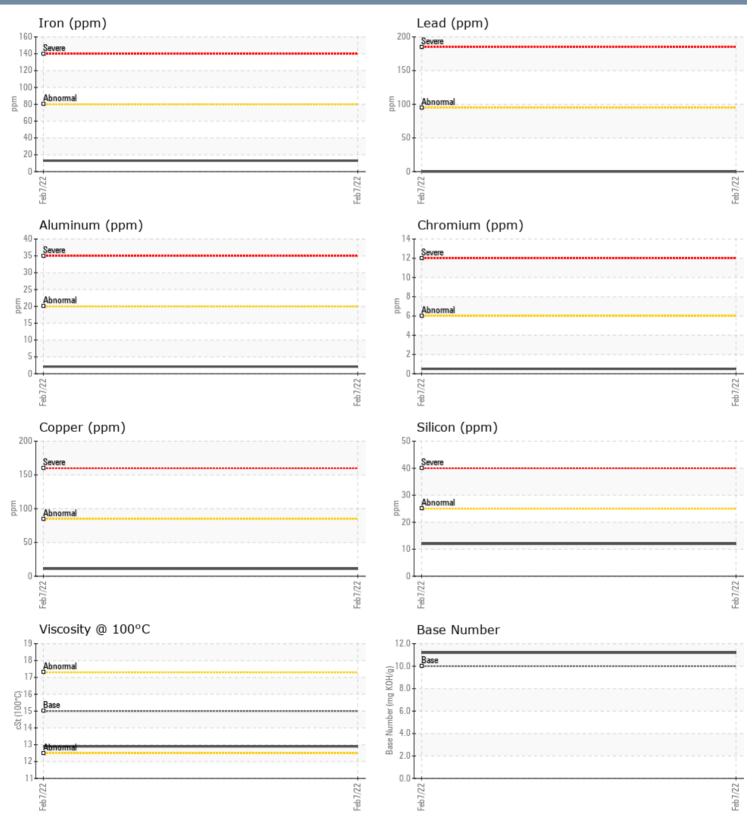
No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



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GRAPHS



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