OIL ANALYSIS REPORT

JACK WUENSCH 43295 VOLVO PENTA A 1000721 - PORT DIESEL ENGINE

Sample No: VPA056019

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

SAMPLE INFORMATION VPA056019 VPA047008 Sample Number 06 Jul 2023 Sample Date 20 Sep 2022 Machine Hours 697 586 **Oil Hours** 0 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** T: F: Visc @ 100°C cSt 13.2 13.5 Base Number (BN) mg KOH/g 10.1 10.9 Oxidation (PA) % 57 62 CONTAMINATION 0.3 Soot % % 0.6 % Nitration (PA) 53 57 Sulfation (PA) % 55 58 % Glycol NEG NEG Fuel % <1.0 <1.0 Silicon ppm 5 6 Sodium 2 2 ppm Potassium ppm **||** <1 < WEAR METALS 15 Iron ppm 9 Copper 5 4 ppm Lead ppm <1 2 Tin ■ <1 1 ppm Aluminum ppm 1 1 < 1 Chromium **|** <1 ppm Molybdenum 58 60 ppm Nickel ■ <1 1 ppm Titanium 0 🔲 0 ppm Silver ppm 0 < 1 Manganese **||** <1 < 1 ppm Vanadium 0 0 ppm **ADDITIVES** 1077 Calcium 1070 ppm Magnesium 989 960 ppm Zinc ppm 1273 1253 Phosphorus ppm 1034 1036 Barium ppm 0 0 Boron ppm 4 3

COASTAL CAROLINA YACHT SALES

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

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:
 VP568144

 Unique No:
 10559717

 Signed:
 Don Baldridge

 Report Date:
 17 Jul 2023

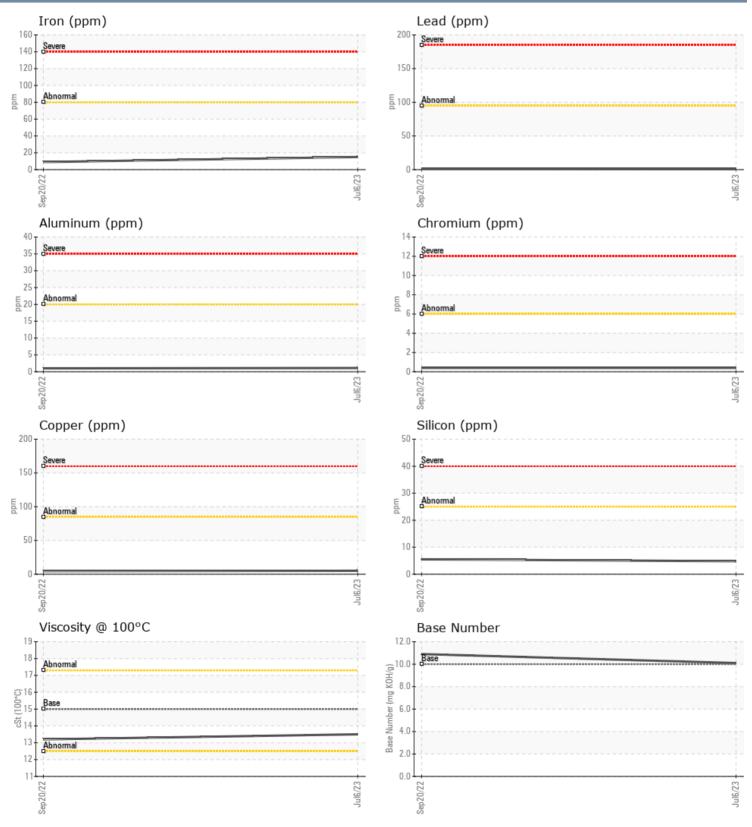
Contact/Location: STEVE VASAS - VP568144



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GRAPHS



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Contact/Location: STEVE VASAS - VP568144