## **OIL ANALYSIS REPORT**

### JIM WHITE 42878 VOLVO PENTA A 1174621 - PORT DIESEL ENGINE

Sample No: VPA055622

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

#### SAMPLE INFORMATION VPA055622 Sample Number 20 Jul 2023 Sample Date Machine Hours 104 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status T: **OIL CONDITION** F: 13.0 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.1 Oxidation (PA) % 57 CONTAMINATION Soot % % 0.2 % Nitration (PA) 45 Sulfation (PA) % 53 % Glycol NEG Fuel % <1.0 Silicon ppm 19 Sodium 3 ppm Potassium ppm **4** WEAR METALS 13 Iron ppm Copper 16 ppm Lead ppm 5 Tin 2 ppm Aluminum ppm **7** Chromium 1 ppm Molybdenum 58 ppm Nickel 2 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1238 ppm Magnesium 933 ppm 1282 Zinc ppm Phosphorus ppm 1023 Barium ppm 0 Boron ppm 9

COASTAL CAROLINA YACHT SALES

VOLVO PENTA

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

#### 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:
 10576303

 Signed:
 Doug Bogart

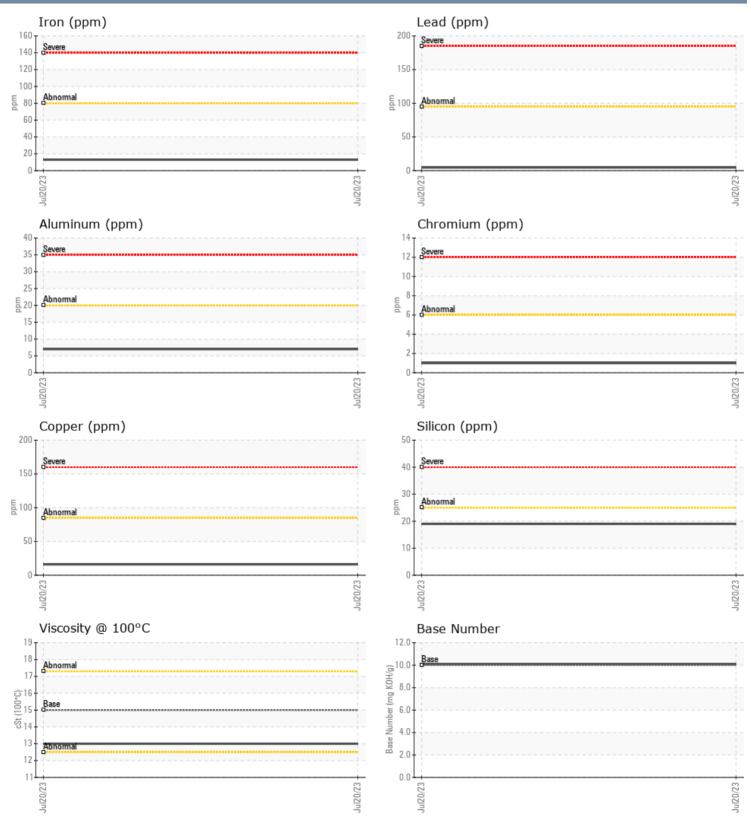
 Report Date:
 30 Jul 2023

Contact/Location: STEVE VASAS - VP568144

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#### GRAPHS



Report Id: VP568144 [WUSCAR] 05909651 (Generated: 07/30/2023 21:26:44) Rev: 1

Contact/Location: STEVE VASAS - VP568144