## **OIL ANALYSIS REPORT**

### BRIAN MARGETT 43083 VOLVO PENTA 7008461425 - PORT DIESEL ENGINE

Sample No: VPA048572

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

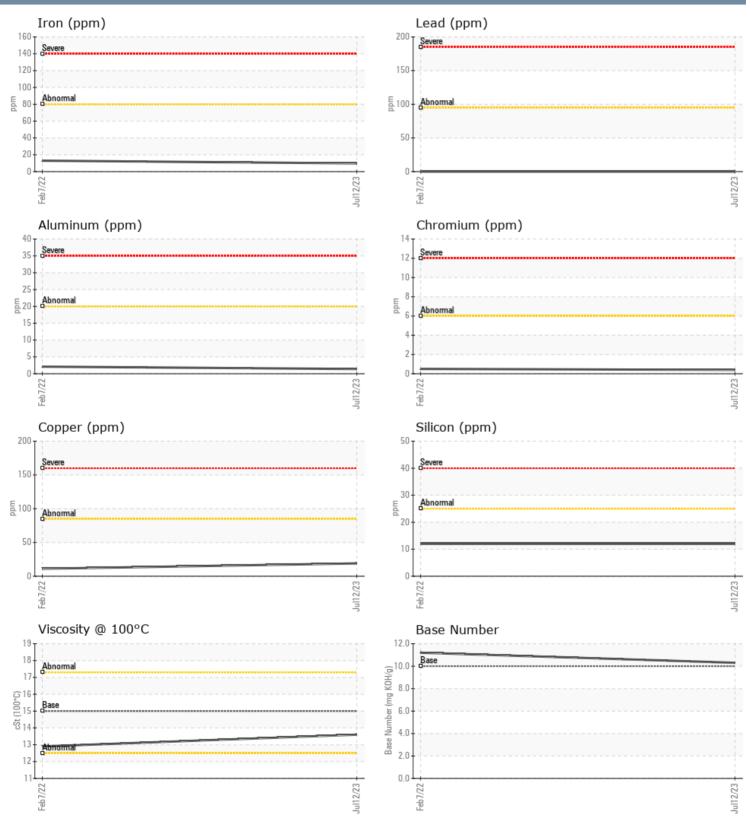
#### SAMPLE INFORMATION VPA048572 VPA031445 Sample Number **COASTAL CAROLINA YACHT SALES** 12 Jul 2023 Sample Date 07 Feb 2022 145 LOCKWOOD BLVD Machine Hours 145 131 CHARLESTON, SC **Oil Hours** 0 0 US 29403 Oil Changed Changed Changed Contact: STEVE VASAS NORMAL Sample Status NORMAL steve@ccyachtsales.com **OIL CONDITION** T: F: Visc @ 100°C cSt 13.6 12.9 Base Number (BN) mg KOH/g 10.3 11.2 Diagnosis Oxidation (PA) % 56 60 Resample at the next service interval CONTAMINATION to monitor.All component wear rates are normal. There is no indication of 0.1 Soot % % 0.1 any contamination in the oil. The BN % Nitration (PA) 40 46 result indicates that there is suitable alkalinity remaining in the oil. The Sulfation (PA) % 51 55 condition of the oil is suitable for % Glycol NEG NEG further service. Fuel % <1.0 <1.0 Silicon ppm 12 12 Sodium 0 3 ppm Potassium ppm 1 <1 WEAR METALS 10 Iron ppm 13 Copper 19 11 ppm 0 Lead ppm 0 Tin 2 < 1 ppm Aluminum 2 1 ppm < 1 Chromium **||** < 1 ppm Molybdenum 59 57 ppm Nickel ■ <1 <1 ppm Titanium 0 🔲 0 ppm Silver ppm **||** <1 < 1 Manganese ■ <1 < 1 ppm Vanadium 0 0 ppm **ADDITIVES** Calcium 1045 1057 ppm Magnesium 910 959 ppm Zinc ppm 1169 1134 Phosphorus ppm 1022 1044 Barium ppm 0 🔲 0 Boron ppm 2 3



# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VP568144 [WUSCAR] 05899762 (Generated: 07/18/2023 18:43:33) Rev: 1

Contact/Location: STEVE VASAS - VP568144