VOLVO PENTA

OIL ANALYSIS REPORT

ROGER CONDO 42881 CUMMINS/ONAN A190465966 - GENSET

Sample No: VPA043102

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

SAMPLE INFORMATION VPA043102 VPA047488 Sample Number 01 Nov 2023 Sample Date 20 Mar 2023 Machine Hours 329 290 **Oil Hours** 0 0 Oil Changed Changed Changed ATTENTION Sample Status MARGINAL **OIL CONDITION** T: F: Visc @ 100°C **12.3 12.3** cSt 9.9 Base Number (BN) mg KOH/g 9.9 Oxidation (PA) % 56 57 CONTAMINATION 0.1 Soot % % 0.1 % Nitration (PA) 39 44 Sulfation (PA) % 51 52 % Glycol NEG NEG Fuel % <1.0 ▲ 3.3 Silicon ppm 7 14 Sodium 0 🔲 2 ppm Potassium 2 < 1 ppm WEAR METALS Iron ppm 3 5 1 3 Copper ppm < 1 Lead ppm <1 Tin 0 < 1 ppm Aluminum 2 ppm 2 | <1 Chromium **|** <1 ppm Molybdenum 58 56 ppm Nickel ■ <1 0 ppm Titanium 0 ppm <1 0 Silver ppm 0 Manganese **||** <1 < ppm Vanadium 0 0 ppm ADDITIVES 1084 Calcium 999 ppm Magnesium 892 864 ppm **1156** Zinc ppm 1142 Phosphorus ppm 1063 971 Barium ppm 5 3 Boron ppm ■ <1</p> 5

COASTAL CAROLINA YACHT SALES

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

Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VP568144

 Unique No:
 10728554

 Signed:
 Jonathan Hester

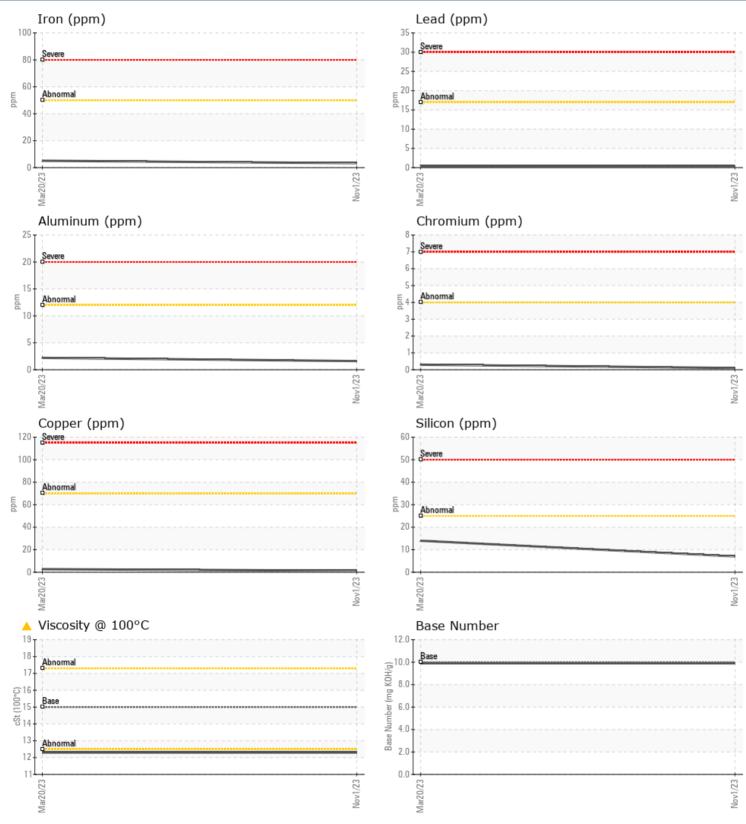
 Report Date:
 09 Nov 2023

Contact/Location: STEVE VASAS - VP568144

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP568144 [WUSCAR] 06000194 (Generated: 11/09/2023 08:35:42) Rev: 1

Contact/Location: STEVE VASAS - VP568144