## **OIL ANALYSIS REPORT**

### BRIAN MARGETT 41421 CUMMINS/ONAN C180324396 - GENSET

Sample No: VPA031442

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

#### SAMPLE INFORMATION VPA031442 Sample Number 07 Feb 2022 Sample Date Machine Hours 172 **Oil Hours** 0 Oil Changed Changed ABNORMAL Sample Status T: **OIL CONDITION** F: Visc @ 100°C cSt **12.2** Base Number (BN) mg KOH/g 10.9 Oxidation (PA) % 61 CONTAMINATION Soot % % 0.1 % Nitration (PA) 50 Sulfation (PA) % 55 % Glycol NEG Fuel % **4.1** Silicon ppm 12 Sodium 3 ppm Potassium **||** <1 ppm WEAR METALS Iron ppm 7 4 Copper ppm Lead ppm <1 Tin ■ <1 ppm Aluminum ppm 2 Chromium **|** <1 ppm Molybdenum 56 ppm Nickel 0 ppm Titanium 0 ppm Silver ppm 0 Manganese ■ <1 ppm 0 Vanadium ppm ADDITIVES Calcium 1238 ppm 838 Magnesium ppm 1110 Zinc ppm Phosphorus ppm 1012 Barium ppm 2 Boron 16 ppm



COASTAL CAROLINA YACHT SALES 145 LOCKWOOD BLVD CHARLESTON, SC US 29403

US 29403 Contact: STEVE VASAS steve@ccyachtsales.com T:

### Diagnosis

We advise that you check the fuel injection system. 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 a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP568144

 Unique No:
 9852484

 Signed:
 Jonathan Hester

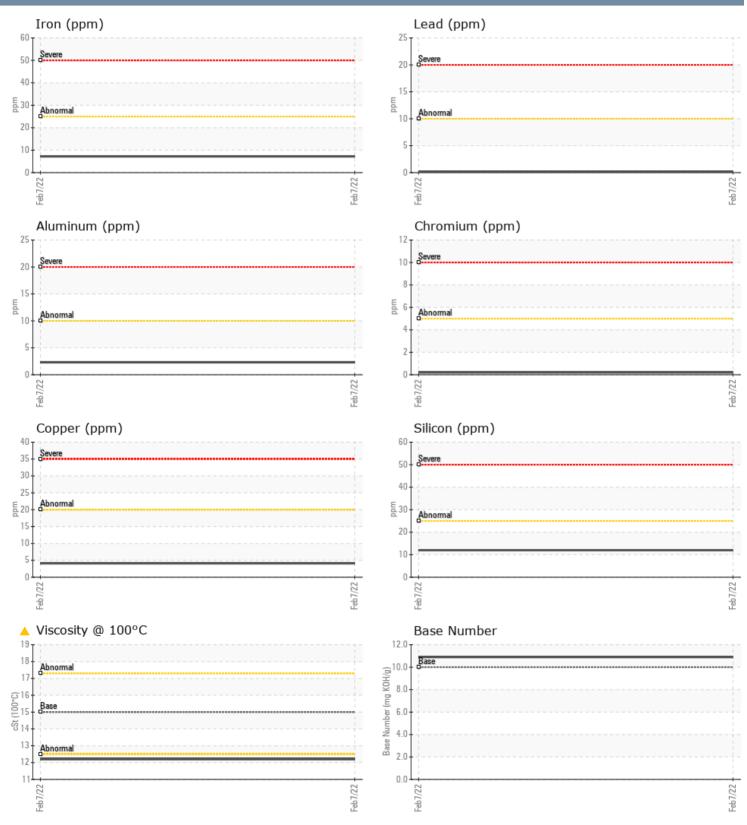
 Report Date:
 17 Feb 2022

Contact/Location: STEVE VASAS - VP568144

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP568144 [WUSCAR] 05468271 (Generated: 07/19/2023 08:21:40) Rev: 1

Contact/Location: STEVE VASAS - VP568144