## **OIL ANALYSIS REPORT**

### DARIN FITZGERALD PATRICK/501841-5750 ONAN 180397777 - GENSET

Sample No: VPA055153

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

#### SAMPLE INFORMATION Sample Number VPA055153 18 Jul 2023 Sample Date Machine Hours 0 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** 12.9 Visc @ 100°C cSt Base Number (BN) mg KOH/g 9.9 Oxidation (PA) % 55 CONTAMINATION Soot % % 0.1 % Nitration (PA) 49 Sulfation (PA) % 50 % Glycol NEG Fuel % <1.0 Silicon ppm 11 Sodium 3 ppm Potassium ppm 0 🔲 WEAR METALS Iron ppm 8 Copper 3 ppm 0 🔲 Lead ppm Tin 0 ppm Aluminum ■ <1 ppm 0 Chromium ppm Molybdenum 61 ppm Nickel 0 ppm Titanium <1 ppm 0 Silver ppm Manganese **||** <1 ppm Vanadium <1 ppm **ADDITIVES** Calcium 1327 ppm 985 Magnesium ppm 1303 Zinc ppm Phosphorus ppm 1064 Barium ppm 0 Boron ppm 9

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

#### 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:
 VP794951

 Unique No:
 10563363

 Signed:
 Jonathan Hester

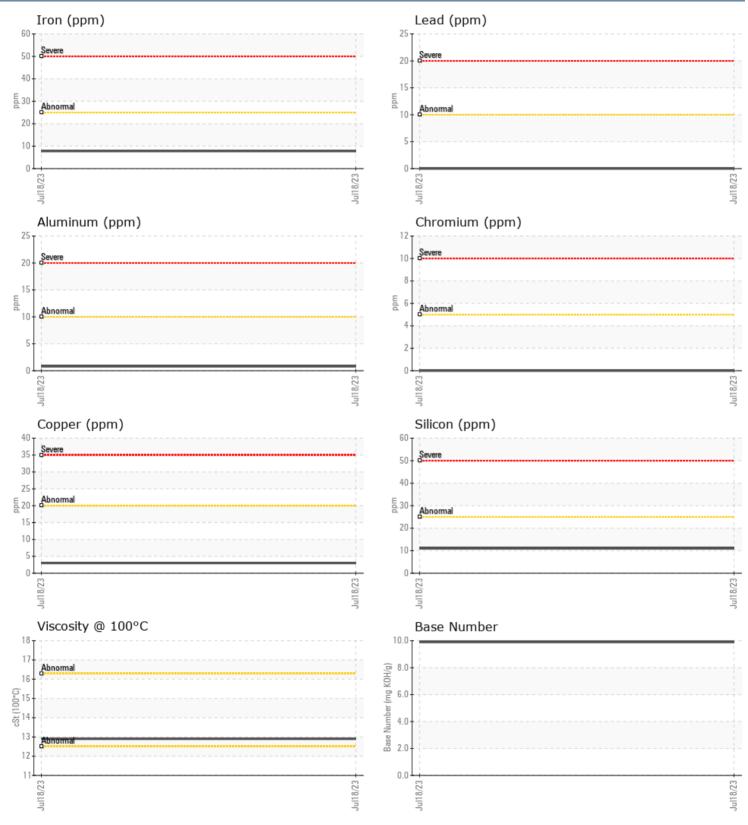
 Report Date:
 20 Jul 2023



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP794951 [WUSCAR] 05902007 (Generated: 07/21/2023 12:51:42) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951