OIL ANALYSIS REPORT

ERIC JONES 68358 ONAN E100122037 - GENSET

Sample No: VPA037906

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

SAMPLE INFORMATION VPA037906 Sample Number **Maritime Fabrications Inc** Sample Date 11 Sep 2023 Machine Hours 805 23 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** F: 13.3 Visc @ 100°C cSt Base Number (BN) mg KOH/g 10.0 Oxidation (PA) % 55 CONTAMINATION Soot % % 0.1 % Nitration (PA) 43 Sulfation (PA) % 51 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium ■<1 ppm Potassium 1 ppm WEAR METALS Iron ppm 4 **||** <1 Copper ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm 2 Chromium 0 ppm Molybdenum 60 ppm Nickel 0 ppm Titanium 0 ppm 0 Silver ppm Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1106 ppm 1024 Magnesium ppm 1329 🔲 Zinc ppm Phosphorus ppm 1048 Barium ppm 0 Boron ppm 5 Depot:

Contact/Location: Mark Crandall - VP153319

920 W Pearle Jensen Way, 920 W. Pearle Jensen Way LACONNER, WA US 98257 Contact: Mark Crandall markc@laconnermaritime.com T: (360)466-3629

Diagnosis

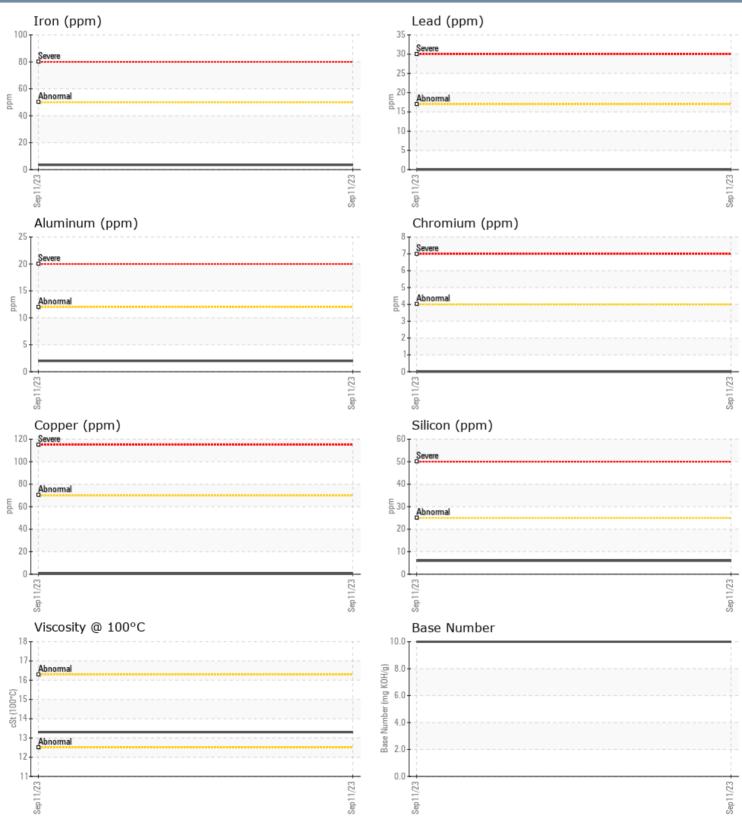
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153319 [WUSCAR] 05961925 (Generated: 10/02/2023 17:03:04) Rev: 1

Contact/Location: Mark Crandall - VP153319