OIL ANALYSIS REPORT

VOLVO PENTA

HERNANDEZ ONAN A220029933 - GENSET

Sample No: V

VPA044063

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA044063 Sample Number Sample Date 01 Aug 2023 Machine Hours 259 **Oil Hours** 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 9.0 Oxidation (PA) % 69 CONTAMINATION Soot % % 0.1 % Nitration (PA) 68 Sulfation (PA) % 54 % Glycol NEG Fuel % <1.0 Silicon ppm 8 Sodium 2 ppm Potassium ppm 3 WEAR METALS Iron ppm 5 Copper 6 ppm Lead ppm 0 Tin ■ <1 ppm Aluminum ppm 2 Chromium **||** < 1 ppm Molybdenum 38 ppm Nickel ■ <1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1109 ppm Magnesium 711 ppm 829 Zinc ppm Phosphorus ppm 648 Barium ppm 0 🔲 Boron ppm 29

Suncoast Diesel Marine Inc. 610 Mount Vernan St OLDSMAR, FL US 34677 Contact: MARK WARREN oldsmar@suncoastdmi.com T: (813)475-5942 F: (813)475-5943

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 acceptable for the time in service.

 Depot:
 VP945077

 Unique No:
 10588462

 Signed:
 Don Baldridge

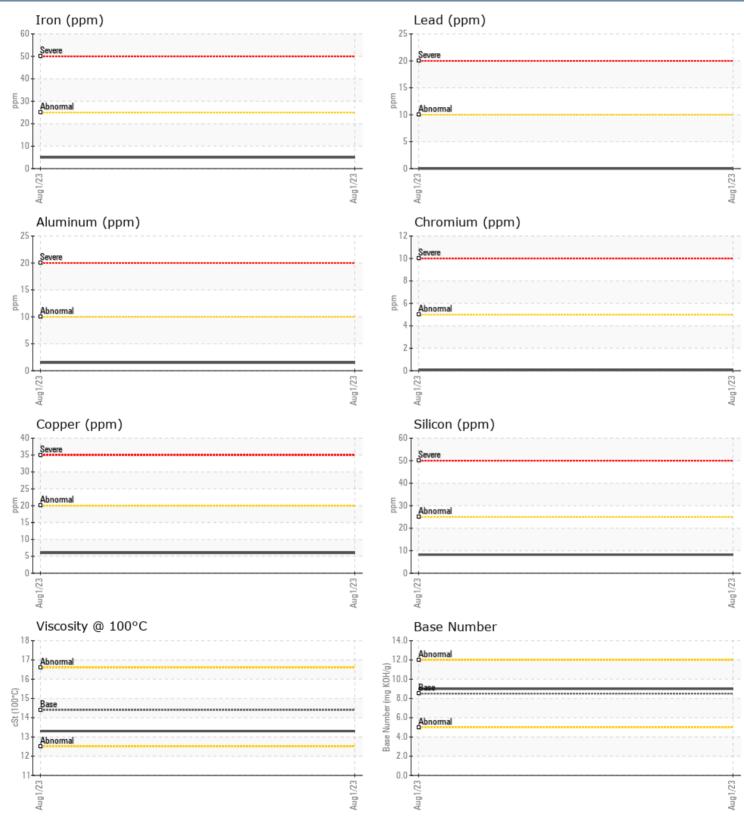
 Report Date:
 07 Aug 2023

Contact/Location: MARK WARREN - VP945077

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GRAPHS



Report Id: VP945077 [WUSCAR] 05916548 (Generated: 08/08/2023 15:46:09) Rev: 1

Contact/Location: MARK WARREN - VP945077