OIL ANALYSIS REPORT

VOLVO PENTA 2061133073 - STARBOARD DIESEL ENGINE

Sample No: VPA048582

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION Sample Number VPA048582 Sample Date 11 Aug 2023 Machine Hours 2398 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 14.4 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 63 CONTAMINATION Soot % % 0.1 % Nitration (PA) 43 Sulfation (PA) % 54 % NEG Glycol Fuel % <1.0 Silicon ppm 5 Sodium 6 🔲 ppm Potassium ppm 8 🔲 WEAR METALS Iron ppm 9 Copper **4** ppm Lead ppm 1 Tin 0 ppm Aluminum <1 ppm Chromium 0 ppm Molybdenum 2 ppm Nickel 0 ppm Titanium **||** <1 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 2237 ppm Magnesium 17 ppm Zinc ppm 1273 Phosphorus ppm 1024 Barium ppm 0 🔲 215 Boron ppm

VOLVO PENTA

SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: SERVICE MANAGER info@suncoastdmi.com T: (941)342-0033 E.

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:
 VP705283

 Unique No:
 10603833

 Signed:
 Don Baldridge

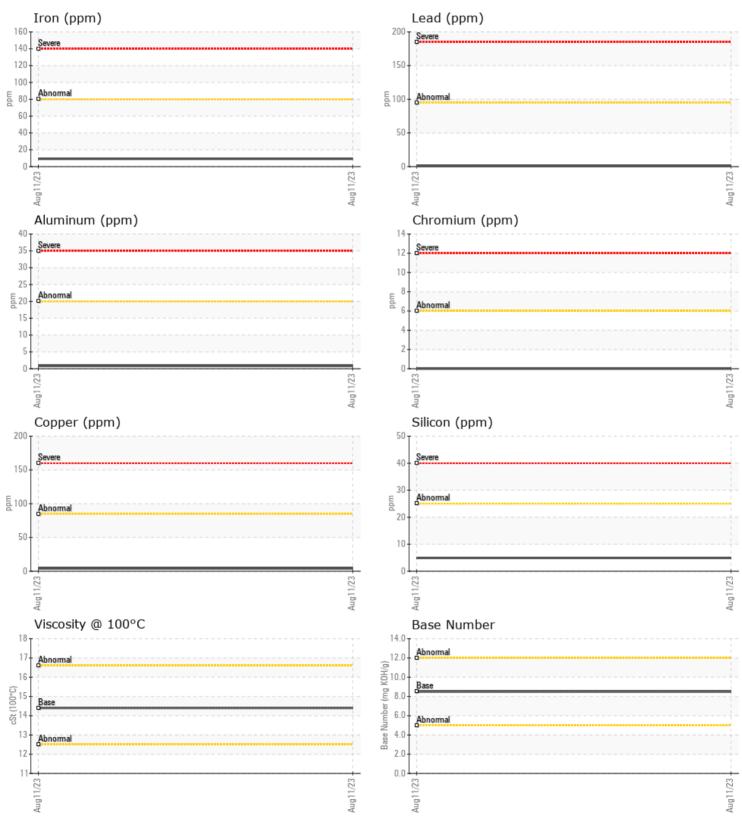
 Report Date:
 15 Aug 2023

Contact/Location: SERVICE MANAGER - VP705283

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP705283 [WUSCAR] 05923886 (Generated: 08/15/2023 14:47:24) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283