OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA A290211 - PORT DIESEL ENGINE

Sample No: VPA045563

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION Sample Number VPA045563 13 Oct 2023 Sample Date Machine Hours 760 0 **Oil Hours** N/A Oil Changed NORMAL Sample Status **OIL CONDITION** F: Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 10.0 Oxidation (PA) % 57 CONTAMINATION Soot % % 0.4 % Nitration (PA) 53 Sulfation (PA) % 53 % Glycol NEG Fuel % <1.0 Silicon ppm 5 Sodium 1 ppm Potassium ppm 1 WEAR METALS Iron ppm 8 2 Copper ppm 10 Lead ppm Tin 2 ppm Aluminum ppm 2 Chromium **||** < 1 ppm Molybdenum ppm 64 Nickel 1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm **ADDITIVES** Calcium 1125 ppm Magnesium 1079 ppm Zinc ppm **1495** Phosphorus ppm 1202 Barium ppm 0 Boron ppm 2

SUNCOAST DIESEL MARINE

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

Diagnosis

No corrective action is recommended at this time. 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:
 VP705283

 Unique No:
 10708794

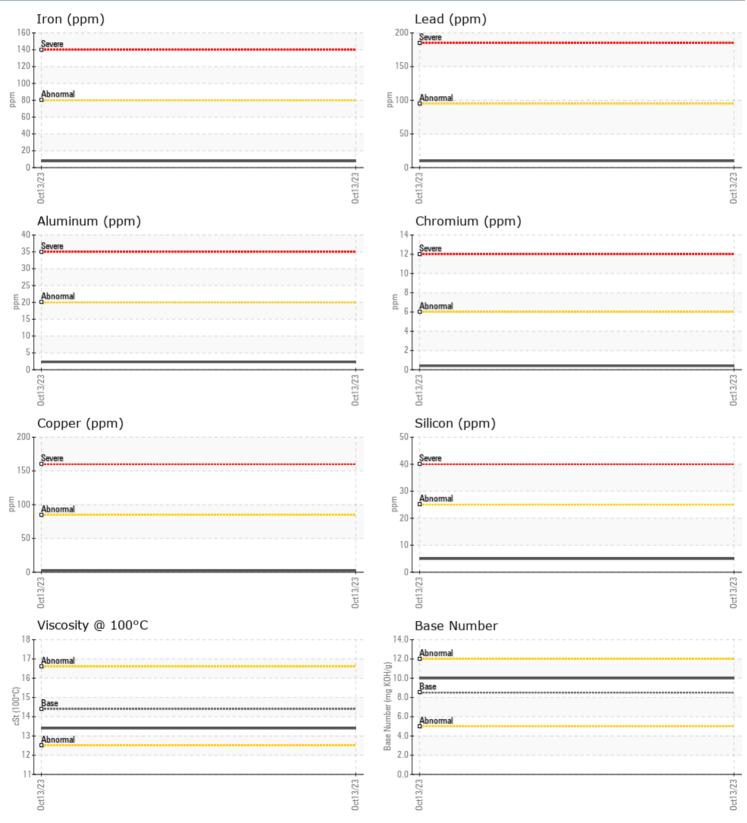
 Signed:
 Doug Bogart

 Report Date:
 25 Oct 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP705283 [WUSCAR] 05986132 (Generated: 10/25/2023 09:25:58) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283