OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA A 1055583 - PORT DIESEL ENGINE

Sample No: VPA055209

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION VPA055209 Sample Number 27 Feb 2024 Sample Date Machine Hours 310 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.25 Base Number (BN) mg KOH/g 9.9 Oxidation (PA) % 55 CONTAMINATION % NEG Water % Soot % 0.3 Nitration (PA) % 44 % Sulfation (PA) 51 Glycol % NEG Fuel % <1.0 Silicon 3 ppm Sodium 1 ppm Potassium 0 ppm WEAR METALS 14 Iron ppm 2 Copper ppm Lead ppm 1 🗌 Tin ppm ■ <1 Aluminum ppm 10 Chromium <1 ppm 58 Molybdenum ppm Nickel **1** ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese **||** < 1 ppm Vanadium ppm <1 **ADDITIVES** Calcium 1193 ppm Magnesium **1099** ppm Zinc ppm 1367 Phosphorus ppm 1114 Barium 0 🔲 ppm Boron ppm 6

SUNCOAST DIESEL MARINE

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

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 acceptable for the time in service.

 Depot:
 VP705283

 Unique No:
 10902974

 Signed:
 Doug Bogart

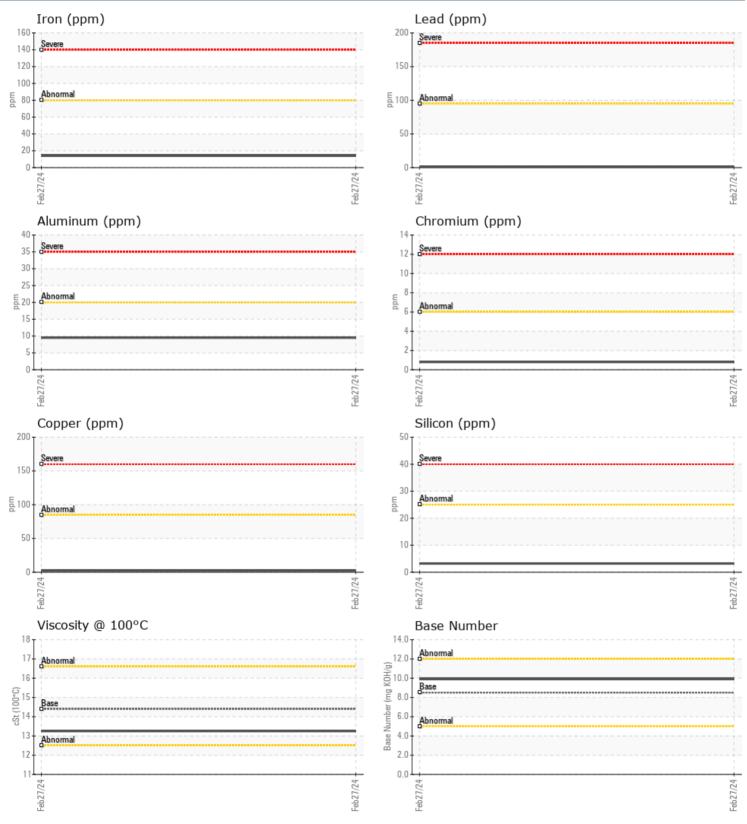
 Report Date:
 29 Feb 2024

Contact/Location: SERVICE MANAGER - VP705283

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GRAPHS



Report Id: VP705283 [WUSCAR] 06104744 (Generated: 02/29/2024 15:32:36) Rev: 1

Contact/Location: SERVICE MANAGER - VP705283