OIL ANALYSIS REPORT

CROSS SERVICE VOLVO PENTA 7008461362 - PORT DIESEL ENGINE

Sample No: VPA057265

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION VPA057265 VPA044898 Sample Number Sample Date 12 Mar 2024 08 Mar 2023 Machine Hours 570 489 **Oil Hours** 0 0 Oil Changed Changed Changed NORMAL Sample Status NORMAL **OIL CONDITION** Visc @ 100°C cSt 13.3 13.7 Base Number (BN) mg KOH/g 10.1 10.5 Oxidation (PA) % 57 58 CONTAMINATION Water % NEG NFG % Soot % 0.6 0.8 Nitration (PA) % 52 59 Sulfation (PA) % 54 57 Glycol % NEG NEG Fuel % <1.0 <1.0 Silicon 11 9 ppm Sodium 2 0 ppm Potassium **||** <1 ppm 1 WEAR METALS 22 Iron 19 ppm 37 57 Copper ppm Lead ppm **||** < 1 < 1 Tin □ < 1 ppm ■ <1 Aluminum 2 ppm 2 Chromium 1 1 ppm 62 Molybdenum 63 ppm Nickel 2 3 ppm Titanium ppm 0 🔲 0 Silver 1 2 ppm Manganese <1 < 1 ppm Vanadium 0 ppm 0 **ADDITIVES** 1091 1129 Calcium ppm Magnesium 1002 940 ppm Zinc ppm 1259 1232 Phosphorus ppm 1083 1040 Barium 0 🔲 0 ppm Boron ppm 6 ■ < 1

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:
 10930176

 Signed:
 Don Baldridge

 Report Date:
 20 Mar 2024

Report Id: VP945077 [WUSCAR] 06121343 (Generated: 03/21/2024 16:31:23) Rev: 1

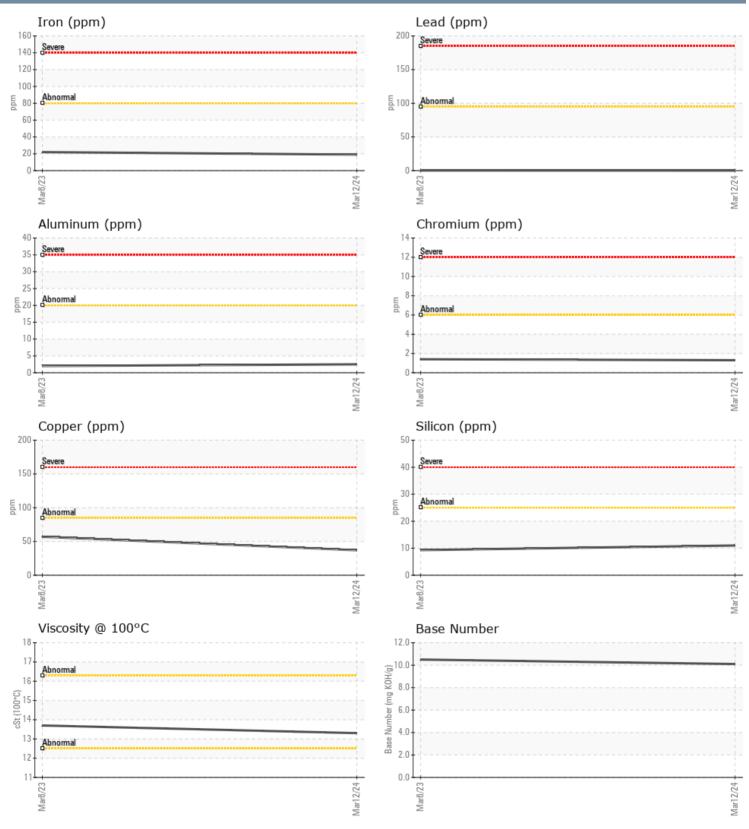
Contact/Location: MARK WARREN - VP945077



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: MARK WARREN - VP945077