OIL ANALYSIS REPORT

GALATI SURVEY VOLVO PENTA A877539 - PORT DIESEL ENGINE

Sample No: VPA044059

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION Sample Number VPA044059 10 Jul 2023 Sample Date Machine Hours 478 0 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.5 Base Number (BN) mg KOH/g 9.3 Oxidation (PA) % 73 CONTAMINATION Soot % % 0.2 % Nitration (PA) 63 Sulfation (PA) % 60 % Glycol NEG Fuel % <1.0 Silicon ppm 6 Sodium ■<1 ppm Potassium ppm 7 WEAR METALS 33 Iron ppm Copper 6 ppm Lead ppm 2 Tin ■ <1 ppm Aluminum 2 ppm Chromium **|** <1 ppm Molybdenum 8 ppm Nickel 1 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese ■ <1 ppm Vanadium 0 ppm

ADDITIVES

Calcium	ppm	2283	 	
Magnesium	ppm	139	 	
Zinc	ppm	1362	 	
Phosphorus	ppm	1122	 	
Barium	ppm	0	 	
Boron	ppm	173	 	

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 suitable for further service.

 Depot:
 VP945077

 Unique No:
 10560504

 Signed:
 Jonathan Hester

 Report Date:
 18 Jul 2023

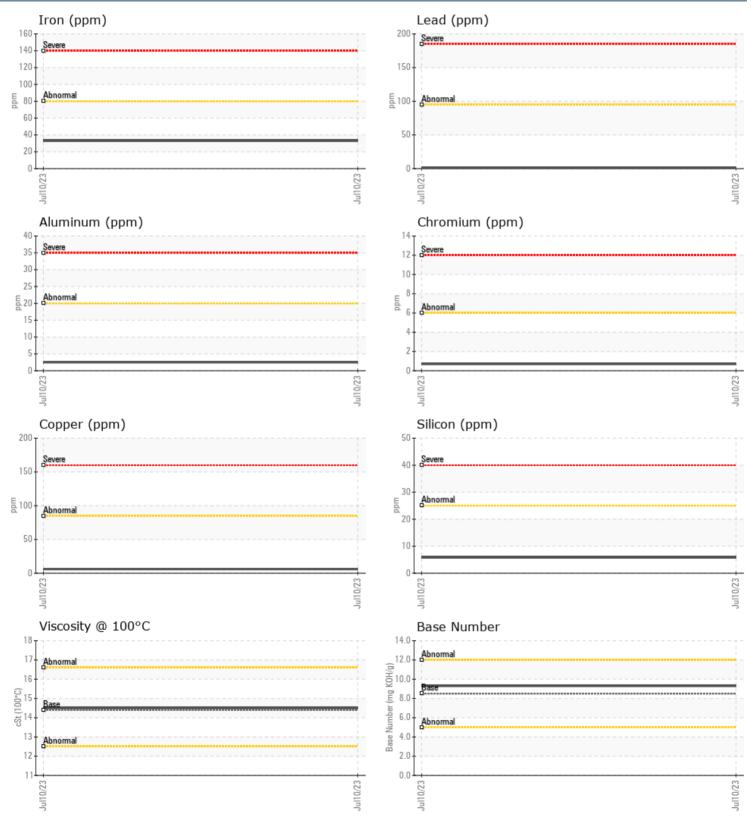
Contact/Location: MARK WARREN - VP945077



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GRAPHS



Report Id: VP945077 [WUSCAR] 05899148 (Generated: 07/18/2023 16:51:55) Rev: 1

Contact/Location: MARK WARREN - VP945077