OIL ANALYSIS REPORT

HERNANDEZ VOLVO PENTA 20132078630 - PORT DIESEL ENGINE

Sample No: VPA044062

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA044062	 	
Sample Date		01 Aug 2023	 	
Machine Hours		142	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.7	 	
Base Number (BN)	mg KOH/g	7.6	 	
Oxidation (PA)	%	37	 	
CONTAMINATION				
Soot %	%	0.3	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	42	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	26	 	
Sodium	ppm	■ <1	 	
Potassium	ppm	18	 	

WEAR METALS

Iron	ppm	13	 	
Copper	ppm	1 3	 	
Lead	ppm	0	 	
Tin	ppm	2	 	
Aluminum	ppm	8	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	4	 	
Nickel	ppm	■<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	957	 	
Magnesium	ppm	903	 	
Zinc	ppm	1172	 	
Phosphorus	ppm	933	 	
Barium	ppm	0	 	
Boron	ppm	2	 	

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:
 10588461

 Signed:
 Don Baldridge

 Report Date:
 07 Aug 2023

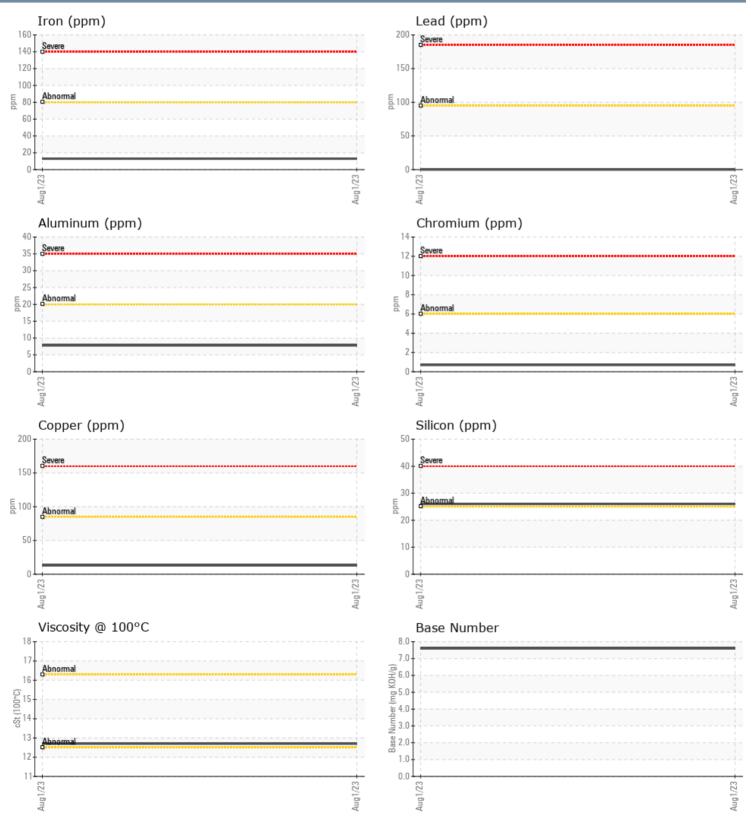
Contact/Location: MARK WARREN - VP945077



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP945077 [WUSCAR] 05916547 (Generated: 08/08/2023 15:46:16) Rev: 1

Contact/Location: MARK WARREN - VP945077