OIL ANALYSIS REPORT

MORALES MORALES VOLVO PENTA A 1085758 - PORT DIESEL ENGINE

Sample No: VPA056716

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA056716	 	
Sample Date		12 Oct 2023	 	
Machine Hours		208	 	
Oil Hours		200	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)		8.8	 	
Oxidation (PA)	%	44	 	
()				
CONTAMINATION				
C + 0(0/			
Soot %	%	0.3	 	
Nitration (PA)	%	44	 	
Sulfation (PA)	%	46	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	■4	 	
Potassium	ppm	2	 	

WEAR METALS

Iron	ppm	12	 	
Copper	ppm	4	 	
Lead	ppm	1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	60	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1790	 	
Magnesium	ppm	406	 	
Zinc	ppm	1100	 	
Phosphorus	ppm	797	 	
Barium	ppm	0	 	
Boron	ppm	39	 	

VOLVO PENTA

Gary Wood's Marine Inc 3469 SW Palm City School Ave #A PALM CITY, FL

US 34990 Contact: SAM SHERRILL sam@garywoodsmarine.com T: (772)287-6093 F: (772)287-7134

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:
 VP152567

 Unique No:
 10696626

 Signed:
 Sean Felton

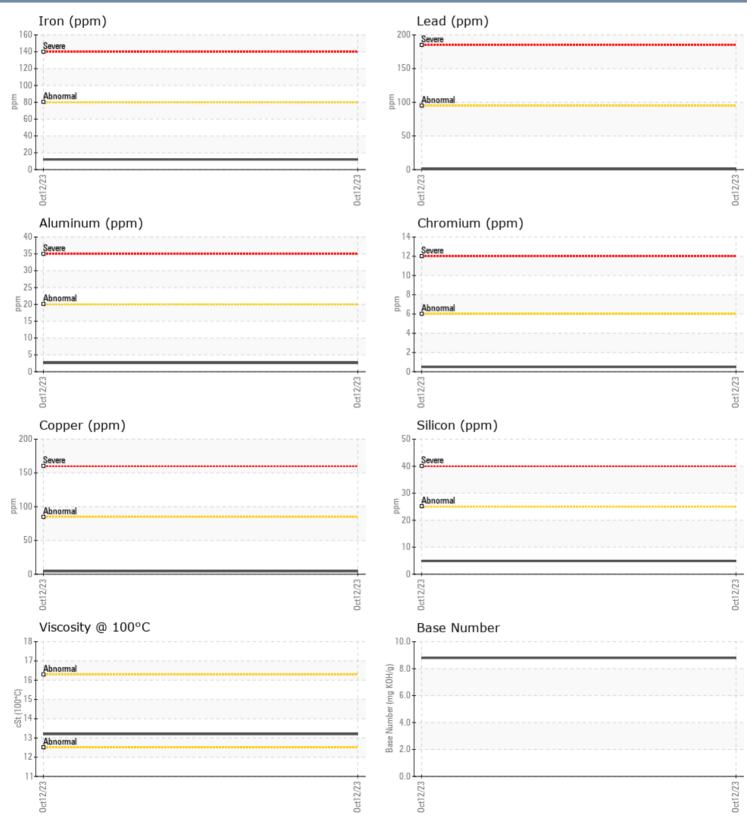
 Report Date:
 17 Oct 2023

Contact/Location: SAM SHERRILL - VP152567

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP152567 [WUSCAR] 05979331 (Generated: 10/27/2023 04:08:10) Rev: 1

Contact/Location: SAM SHERRILL - VP152567