OIL ANALYSIS REPORT

VOLVO PENTA 2204206374 - PORT DIESEL ENGINE

Sample No:	VPA044912
Oil Type:	NOT GIVEN

SAMPLE INFORMATION

Sample Number Sample Date Machine Hours Oil Hours Oil Changed Sample Status		VPA044912 09 Nov 2023 0 0 N/A NORMAL	 	
Machine Hours Oil Hours Oil Changed Sample Status		0 0 N/A	 	
Oil Hours Oil Changed Sample Status		0 N/A	 	
Oil Changed Sample Status		N/A		
Sample Status		-		
		NORMAL		
OII CONDITION			 	
Visc @ 100°C cs	St	14.66	 	
Base Number (BN) m	ng KOH/g	8.9	 	
Oxidation (PA) %		68	 	
CONTAMINATION				
Soot % %	%	0.1	 	
Nitration (PA) %	%	51	 	
Sulfation (PA) %	%	57	 	
Glycol %	%	NEG	 	
Fuel %	%	<1.0	 	
Silicon p	opm	5	 	
Sodium p	pm	2	 	
Potassium p	opm	6	 	
WEAR METALS				

WEAR METALS

Iron	ppm	11	 	
Copper	ppm	5	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	7	 	
Nickel	ppm	0	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	2024	 	
Magnesium	ppm	0	 	
Zinc	ppm	1185	 	
Phosphorus	ppm	992	 	
Barium	ppm	0	 	
Boron	ppm	188	 	



Monmouth Marine Engines Inc 536 UNION LN BRIELLE, NJ US 08730-1421 Contact: Laura Clarkin monmouthmarine@gmail.com T: 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:
 VP153457

 Unique No:
 10742560

 Signed:
 Doug Bogart

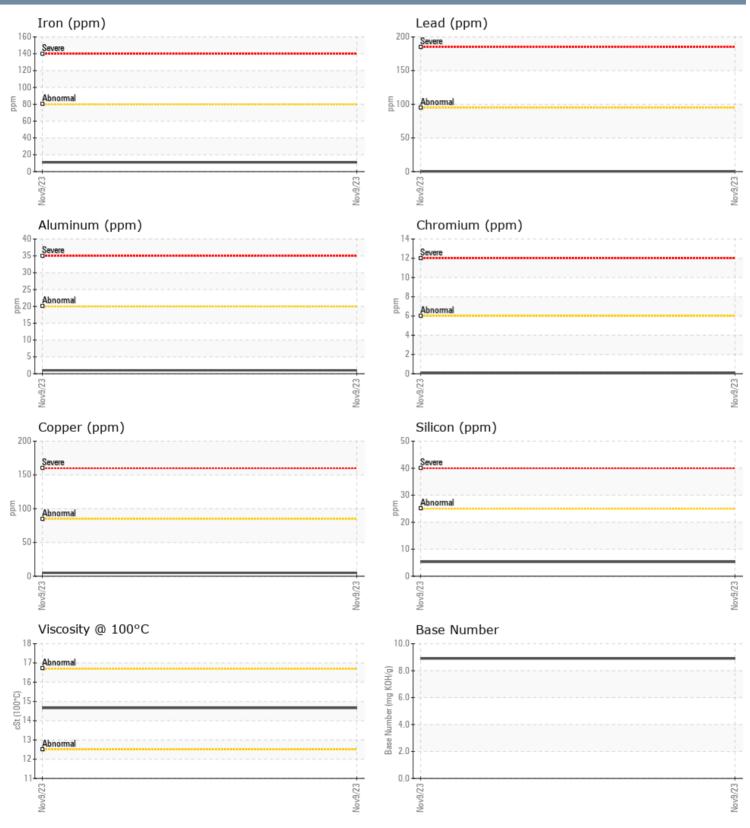
 Report Date:
 15 Nov 2023

Contact/Location: Laura Clarkin - VP153457

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153457 [WUSCAR] 06008798 (Generated: 11/15/2023 16:22:13) Rev: 1

Contact/Location: Laura Clarkin - VP153457