OIL ANALYSIS REPORT

LEACH VOLVO PENTA 2006038741 - PORT DIESEL ENGINE

Sample No: VPA036331

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Sample Number		VPA036331	 	
Sample Date		16 Nov 2023	 	
Machine Hours		1047	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.4	 	
Base Number (BN)	mg KOH/g	8.3	 	
Oxidation (PA)	%	70	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	64	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	2	 	
Potassium	ppm	9	 	
WEAR METALS				
Iron	ppm	17	 	
Copper	ppm	6	 	
Lead	ppm	∎1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	1	 	
Molybdenum	ppm	■ 14	 	
Nickel	ppm	2	 	
Titanium	ppm	■ <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2305	 	
Magnesium	ppm	192	 	
Zinc	ppm	1348	 	
Phosphorus	ppm	1176	 	
Barium	ppm	9	 	
Boron	ppm	208	 	

VOLVO PENTA

FULL KEEL MARINE SERVICES 314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542

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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:
 VP1298996

 Unique No:
 10752365

 Signed:
 Don Baldridge

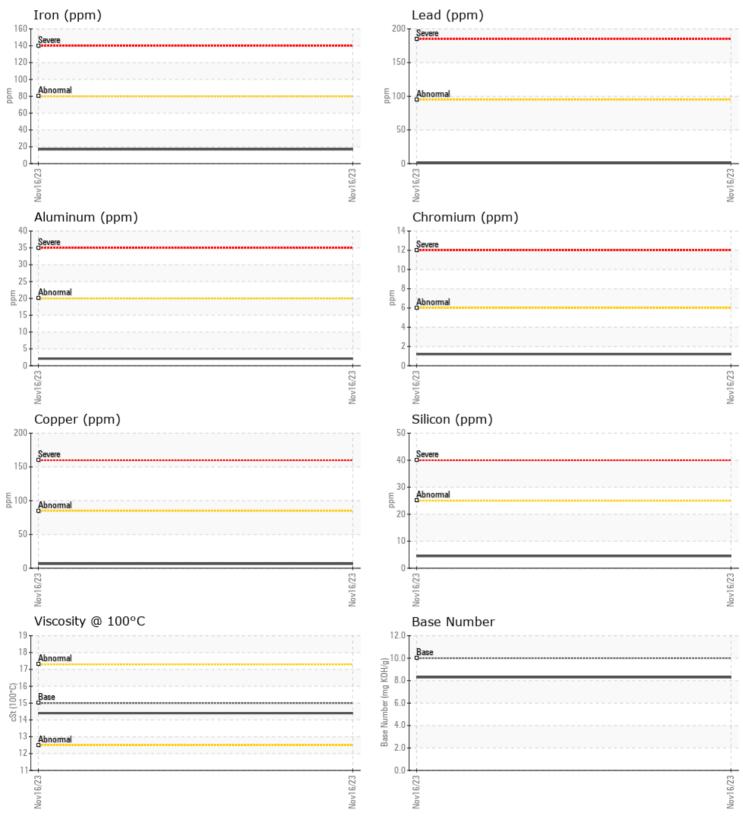
 Report Date:
 22 Nov 2023

Contact/Location: Service Manager - VP1298996

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1298996 [WUSCAR] 06013221 (Generated: 11/22/2023 17:54:50) Rev: 1

Contact/Location: Service Manager - VP1298996