OIL ANALYSIS REPORT

AHAB VOLVO PENTA VOLVO PENTA - AHAB (S/N NOT GIVEN) - PORT DIESEL ENGINE

Sample No: VPA039641

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA039641	 	
Sample Date		02 Aug 2023	 	
Machine Hours		200	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.4	 	
Base Number (BN)	mg KOH/g	∎11.1	 	
Oxidation (PA)	%	79	 	
CONTAMINATION				
LONTAMINATION				
Soot %	%	1.4	 	
Nitration (PA)	%	71	 	
Sulfation (PA)	%	66	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	24	 	
Sodium	ppm	□ 4	 	
Potassium	ppm	4		

WEAR METALS

Iron	ppm	4 9	 	
Copper	ppm	21	 	
Lead	ppm	1 4	 	
Tin	ppm	5	 	
Aluminum	ppm	37	 	
Chromium	ppm	6	 	
Molybdenum	ppm	■41	 	
Nickel	ppm	3	 	
Titanium	ppm	□ <1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1703	 	
Magnesium	ppm	541	 	
Zinc	ppm	1215	 	
Phosphorus	ppm	976	 	
Barium	ppm	0	 	
Boron	ppm	35	 	

FDDA TAMPA

TAMPA, FL US Contact: KYLE SUTLEY k.sutley@ssss.com T: (813)918-8518 E-

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 VP208641

 Unique No:
 10605777

 Signed:
 Don Baldridge

 Report Date:
 17 Aug 2023

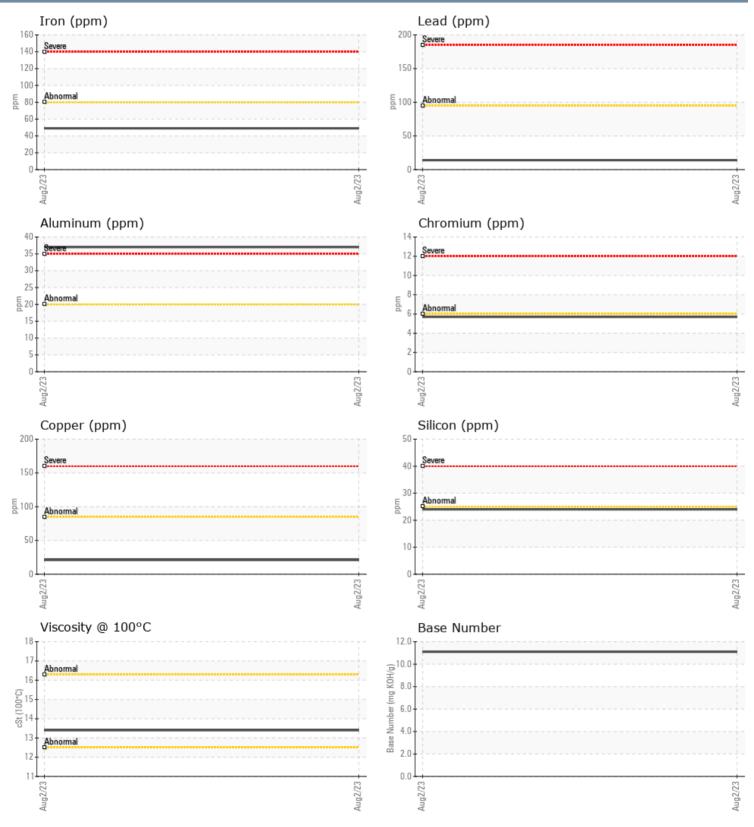
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Contact/Location: KYLE SUTLEY - VP208641

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP208641 [WUSCAR] 05925830 (Generated: 08/17/2023 14:48:18) Rev: 1

Contact/Location: KYLE SUTLEY - VP208641