OIL ANALYSIS REPORT

CANTER 534610 VOLVO PENTA 20132088506 - STARBOARD DIESEL ENGINE

Sample No: VPA056103

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

SAMPLE INFURMAT				
Sample Number		VPA056103	 	
Sample Date		01 Apr 2024	 	
Machine Hours		305	 	
Oil Hours		305	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	mg KOH/g	6.8	 	
Oxidation (PA)	%	40	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	1	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	34	 	
Sodium	ppm	2	 	
Potassium	ppm	34	 	
WEAR METALS				
Iron	ppm	40	 	
Copper	ppm	5	 	
Lead	ppm	2	 	
Tin	ppm	4	 	
Aluminum	ppm	1 4	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	9	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1062	 	
Magnesium	ppm	996	 	
Zinc	ppm	1259	 	
Phosphorus	ppm	1059	 	

Jas Marine Service Inc. 1009 Newman RD.

LAKE PARK, FL US 33403 Contact: DEBBIE debbie@jasmarine.com T: (561)844-3224 F:

Diagnosis

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:
 VP152963

 Unique No:
 10965790

 Signed:
 Sean Felton

 Report Date:
 10 Apr 2024

 Contact/Location:
 DEBBIE ? - VP152963

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0

ppm

ppm

Barium

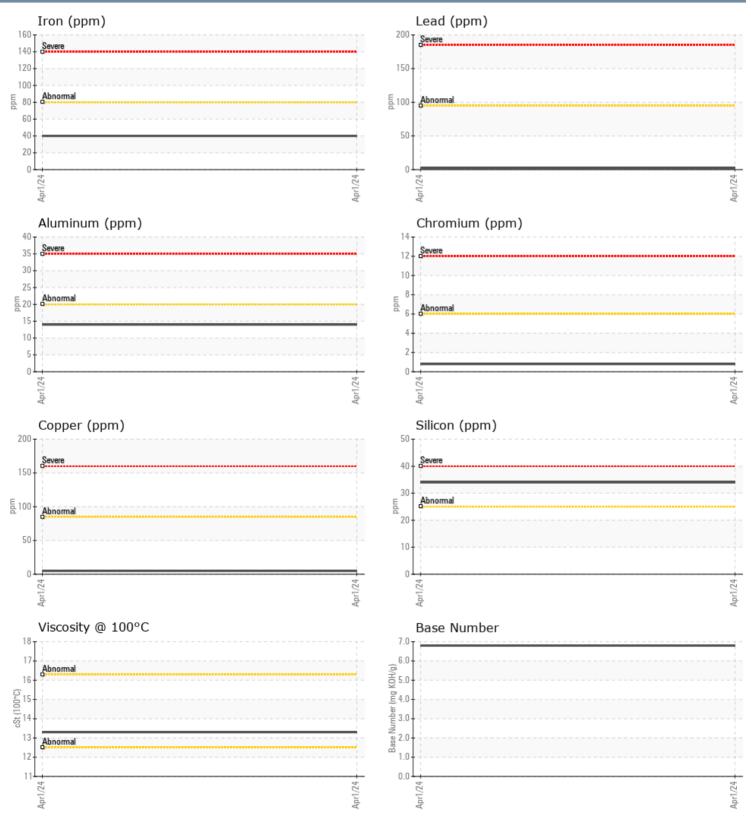
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OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: DEBBIE ? - VP152963