OIL ANALYSIS REPORT

VOLVO PENTA

JAY HENDRIX 533073 VOLVO PENTA 7011440519 - PORT DIESEL ENGINE

Sample No: VPA042616

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA042616	 	
Sample Date		30 Aug 2023	 	
Machine Hours		874	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.1	 	
Base Number (BN)	mg KOH/g	9.0	 	
Oxidation (PA)	%	74	 	
CONTAMINATION				
LUNIAMINATIUN				
Soot %	%	0.4	 	
Nitration (PA)	%	54	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	6.2	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	

WEAR METALS

Iron	ppm	1 0	 	
Copper	ppm	41	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	38	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1566	 	
Magnesium	ppm	529	 	
Zinc	ppm	870	 	
Phosphorus	ppm	723	 	
Barium	ppm	0	 	
Boron	ppm	32	 	

Jas Marine Service Inc.

1009 Newman RD. LAKE PARK, FL US 33403 Contact: DEBBIE debbie@jasmarine.com T: (561)844-3224 F:

Diagnosis

We advise that you check the fuel injection system. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP152963

 Unique No:
 10631757

 Signed:
 Doug Bogart

 Report Date:
 06 Sep 2023

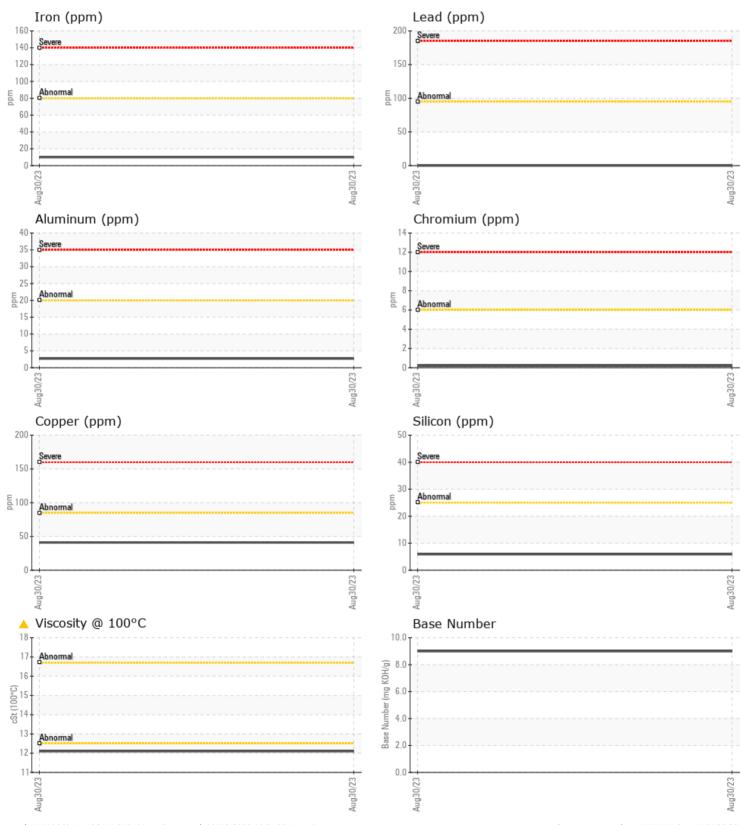
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Contact/Location: DEBBIE ? - VP152963

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GRAPHS



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