OIL ANALYSIS REPORT

HOFFMANN WATERSPORTS VOLVO PENTA A421672 - CENTER DIESEL ENGINE

Sample No: VPA035571

Oil Type: PROVIDENCE SYNTHETIC 15W40

SAMPLE INFORMATION

Sample Number		VPA035571	 	
Sample Date		23 Jul 2023	 	
Machine Hours		4301	 	
Oil Hours		80	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	15.0	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	47	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	1	 	
Potassium	ppm	2	 	

WEAR METALS

Iron	ppm	3	 	
Copper	ppm	3	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	56	 	
Nickel	ppm	0	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1053	 	
Magnesium	ppm	877	 	
Zinc	ppm	🔲 1156	 	
Phosphorus	ppm	949	 	
Barium	ppm	0	 	
Boron	ppm	1	 	

Marco Island Ski & Water Sport 1392

MARCO ISLAND, FL US 34146 Contact: Bradley Cotten bradc@marcoislandwatersports.com T:

Diagnosis

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:
 VP153258

 Unique No:
 10578438

 Signed:
 Don Baldridge

 Report Date:
 02 Aug 2023

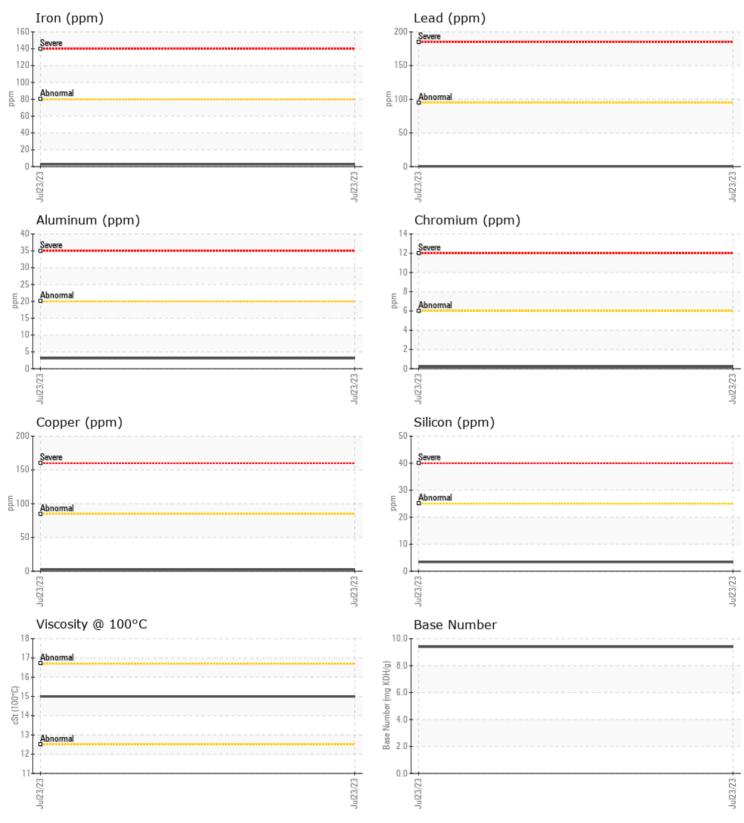
Contact/Location: Bradley Cotten - VP153258



OIL ANALYSIS REPORT



GRAPHS



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