OIL ANALYSIS REPORT

HOFFMANN WATERSPORTS VOLVO PENTA A643737 - DIESEL ENGINE

Sample No: VPA035637

Oil Type: PROVIDENCE SYNTHETIC 15W40

SAMPLE INFORMATION

Sample Number		VPA035637	 	
Sample Date		28 Jul 2023	 	
Machine Hours		6031	 	
Oil Hours		100	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.5	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	52	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	2	 	

WEAR METALS

Iron	ppm	2	 	
Copper	ppm	2	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	54	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	963	 	
Magnesium	ppm	863	 	
Zinc	ppm	1125	 	
Phosphorus	ppm	912	 	
Barium	ppm	0	 	
Boron	ppm	4	 	

Marco Island Ski & Water Sport

1392 MARCO ISLAND, FL US 34146 Contact: Bradley Cotten bradc@marcoislandwatersports.com T: F:

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:
 10578440

 Signed:
 Don Baldridge

 Report Date:
 02 Aug 2023

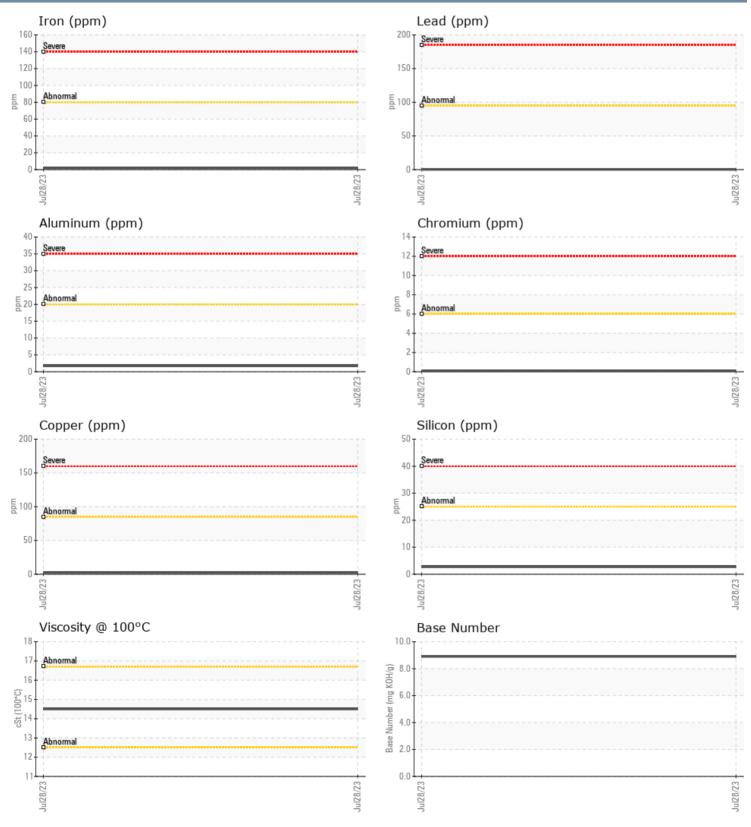
Contact/Location: Bradley Cotten - VP153258



OIL ANALYSIS REPORT



GRAPHS



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