OIL ANALYSIS REPORT

353350 MERCURY OL675732 - STERNDRIVE - PORT GASOLINE ENGINE

Sample No: VPA048454

Oil Type: MERCURY 25W40

SAMPLE INFORMATION

Sample Number		VPA048454	 	
Sample Date		11 Oct 2023	 	
Machine Hours		928	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	4 11.8	 	
Base Number (BN)	mg KOH/g	9.1	 	
Oxidation (PA)	%	15	 	
CONTAMINATION				
Soot %	%	0	 	
Nitration (PA)	%	10	 	
Sulfation (PA)	%	12	 	
Glycol	%	NEG	 	
Fuel	%	5 .1	 	
Silicon	ppm	11	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	
WEAR METALS				
Iron	ppm	1 4	 	
C				

Iron	ppm	1 4	 	
Copper	ppm	3	 	
Lead	ppm	□ <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	42	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1762	 	
Magnesium	ppm	25	 	
Zinc	ppm	678	 	
Phosphorus	ppm	586	 	
Barium	ppm	0	 	
Boron	ppm	162	 	

Skipper Marine of Ohio, LLC

6801 E. Harbor Rd., 6801 East Harbor Rd. MARBLEHEAD, OH US 43440 Contact: Glenn Pollock glenn@skipperbuds.com T: 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. There is a moderate amount of fuel present in the oil. 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:
 VP494046

 Unique No:
 10698223

 Signed:
 Jonathan Hester

 Report Date:
 20 Oct 2023

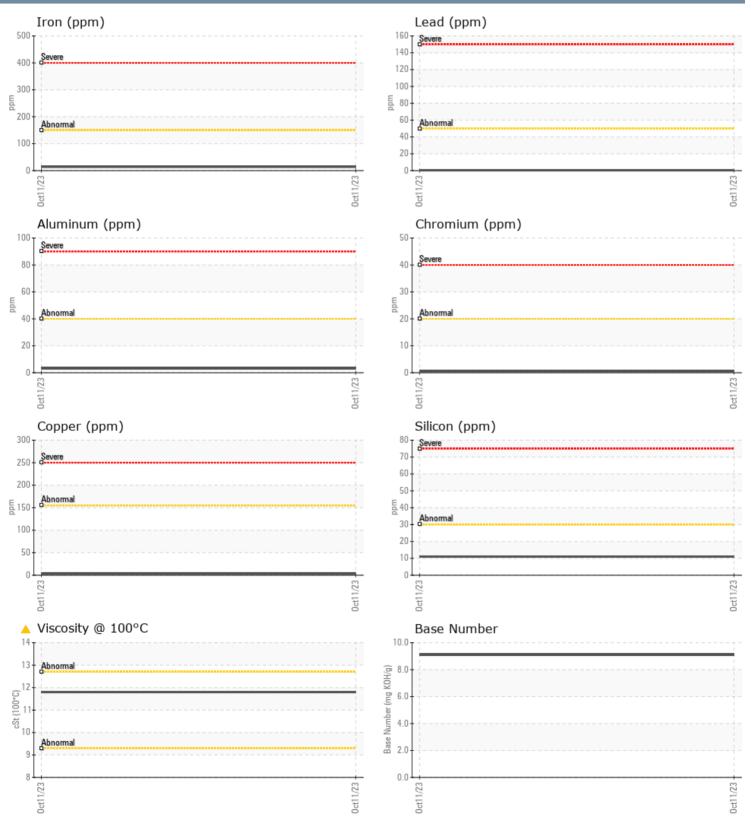
Contact/Location: Glenn Pollock - VP494046



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: Glenn Pollock - VP494046