OIL ANALYSIS REPORT

YAMAHA 6969123 - GASOLINE ENGINE

Sample No:	VPA036385		
Oil Type:	NOT GIVEN		

SAMPLE INFORMATION

Sample Number		VPA036385	 	
Sample Date		14 Nov 2023	 	
Machine Hours		201	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	10.3	 	
Base Number (BN)	mg KOH/g	9.6	 	
Oxidation (PA)	%	12	 	
CONTAMINATION				
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	6	 	
Sulfation (PA)	%	10	 	
Glycol	%	0.0	 	
Fuel	%	<1.0	 	
Silicon	ppm	12	 	
Sodium	ppm	151	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	nnm	1 30	 	
	ppm	59	 	
Copper Lead	ppm	90	 	
Tin	ppm	4	 	
Aluminum	ppm	23	 	
Chromium	ppm	_		
Molybdenum	ppm	■ <1 59	 	
Nickel	ppm		 	
Titanium	ppm	□ <1 0		
	ppm			
Silver	ppm	4	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1990	 	
Magnesium	ppm	26	 	
Zinc	ppm	824	 	
Phosphorus	ppm	638	 	
Barium	ppm	0	 	
Boron	ppm	162	 	



FULL KEEL MARINE SERVICES 314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542

Diagnosis

F:

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 suitable for further service.

Depot: Unique No: Signed: Report Date:

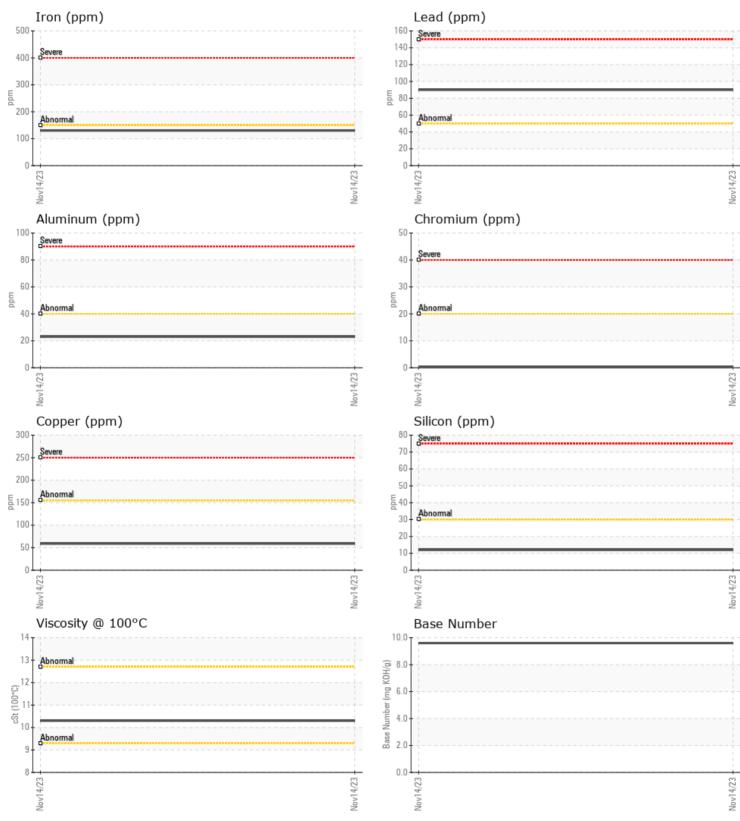
VP1298996 10742668 Jonathan Hester 30 Nov 2023

Contact/Location: Service Manager - VP1298996

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1298996 [WUSCAR] 06008906 (Generated: 11/30/2023 10:23:00) Rev: 1

Contact/Location: Service Manager - VP1298996