

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 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	---	---	---

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

### OIL CONDITION

Visc @ 100°C	cSt	█ 10.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	12	---	---	---

### 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 suitable for further service.

### 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	ppm	█ 130	---	---	---
Copper	ppm	█ 59	---	---	---
Lead	ppm	█ 90	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 23	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	59	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
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	---	---	---

Depot: VP1298996  
Unique No: 10742668  
Signed: Jonathan Hester  
Report Date: 30 Nov 2023

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## GRAPHS

