

# OIL ANALYSIS REPORT

# VOLVO PENTA

## JOHN BRUNO VOLVO PENTA 70112003671 - STARBOARD DIESEL ENGINE

**Sample No:** VPA047943  
**Oil Type:** VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA047943	---	---	---
Sample Date	20 Apr 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	MARGINAL	---	---	---

### ONE WATER YACHT

3201 W STATE RD 84  
FR LAUDERDALE, FL  
US 33312  
Contact: ANTHONY VIGLIOTTI  
avigliotti@owyg.com  
T: (954)292-4857  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	60	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.7	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

### WEAR METALS

Iron	ppm	█ 17	---	---	---
Copper	ppm	█ 44	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	957	---	---	---
Magnesium	ppm	█ 792	---	---	---
Zinc	ppm	█ 1110	---	---	---
Phosphorus	ppm	█ 862	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VP1134827  
**Unique No:** 10445802  
**Signed:** Angela Borella  
**Report Date:** 01 May 2023

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## GRAPHS

