

# OIL ANALYSIS REPORT



## WALLENBERG SURVEY VOLVO PENTA 7011390808 - STARBOARD DIESEL ENGINE

Sample No: VPA044342  
Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA044342	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	954	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Suncoast Diesel Marine Inc.**  
610 Mount Vernan St  
OLDSMAR, FL  
US 34677  
Contact: MARK WARREN  
oldsmar@suncoastdmi.com  
T: (813)475-5942  
F: (813)475-5943

### OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	53	---	---	---

### 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.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	39	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ < 1	---	---	---

### WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1027	---	---	---
Magnesium	ppm	█ 952	---	---	---
Zinc	ppm	█ 1278	---	---	---
Phosphorus	ppm	█ 961	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ < 1	---	---	---

Depot: VP945077  
Unique No: 10876677  
Signed: Sean Felton  
Report Date: 16 Feb 2024

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# VOLVO PENTA

## GRAPHS

