

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 2006041587 - STARBOARD IPS

Sample No: VPA048735

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA048735	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	484	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Viking Boat Harbor Inc**  
1121 S. Islington Rd.  
CEDARVILLE, MI  
US 49719  
Contact: Steve Honnila  
stevehonnila@gmail.com  
T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
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### CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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 condition of the oil is acceptable for the time in service.

### WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 1295	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 324	---	---	---

**Depot:** VP155388  
**Unique No:** 10562157  
**Signed:** Sean Felton  
**Report Date:** 19 Jul 2023

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## GRAPHS

