

# OIL ANALYSIS REPORT

# VOLVO PENTA

**KURT SCHILL GARRET CASSIDY VOLVO PENTA 3940018689 - STARBOARD IPS**

**Sample No:** VPA036349  
**Oil Type:** VOLVO GL-5 90W

## SAMPLE INFORMATION

Sample Number	VPA036349	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	570	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Michigan Yachtcrafters Inc**  
31785 S. River Road  
HARRISON TOWNSHIP, MI  
US 48045  
Contact: Garrett Cassidy  
michiganyachtservice@gmail.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

## WEAR METALS

PQ		█ 17	---	---	---
Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminium	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	3	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	2	---	---	---
Phosphorus	ppm	1389	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	306	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP151756  
**Unique No:** 11099771  
**Signed:** Doug Bogart  
**Report Date:** 28 Jun 2024

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## GRAPHS

