

# OIL ANALYSIS REPORT

# VOLVO PENTA

**S3 MARITIME DANIEL/502585 VOLVO PENTA 3940023311 - PORT IPS**

**Sample No:** VPA059029

**Oil Type:** VOLVO API GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA059029	---	---	---
Sample Date	22 Nov 2023	---	---	---
Machine Hours	208	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

## WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	█ 30	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ <1	---	---	---
Phosphorus	ppm	█ 1357	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 290	---	---	---

## 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.

**Depot:** VP794951  
**Unique No:** 10766320  
**Signed:** Don Baldrige  
**Report Date:** 04 Dec 2023

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## GRAPHS

