

# OIL ANALYSIS REPORT

# VOLVO PENTA

**SPROAT 533998 VOLVO PENTA 3200000367 - PORT IPS**

**Sample No:** VPA043285

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

## SAMPLE INFORMATION

Sample Number	VPA043285	VPA056993	---	---
Sample Date	12 Feb 2024	16 Aug 2023	---	---
Machine Hours	1027	968	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	SEVERE	---	---

**Jas Marine Service Inc**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 100	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	█ <1	█ 11	---	---
Potassium	ppm	█ 5	█ 2	---	---

## WEAR METALS

PQ		█ 4	█ 47	---	---
Iron	ppm	█ 29	● 530	---	---
Copper	ppm	█ 10	█ 30	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	8	---	---
Chromium	ppm	█ <1	█ 3	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ 1	█ 4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 3	█ 4	---	---
Vanadium	ppm	<1	<1	---	---

## ADDITIVES

Calcium	ppm	█ 3	█ 8	---	---
Magnesium	ppm	█ 7	█ 7	---	---
Zinc	ppm	█ 6	█ 63	---	---
Phosphorus	ppm	█ 1295	█ 1444	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 291	█ 263	---	---

## Diagnosis

No corrective action is recommended at this time. 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:** VP426065  
**Unique No:** 10883373  
**Signed:** Doug Bogart  
**Report Date:** 16 Feb 2024

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PENTA**

## GRAPHS

