

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JOSHUA SMITH 533400 VOLVO PENTA 3940019286 - PORT IPS**

**Sample No:** VPA036746

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

## SAMPLE INFORMATION

Sample Number	VPA036746	---	---	---
Sample Date	06 Oct 2023	---	---	---
Machine Hours	316	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

### Jas Marine Service Inc.

1009 Newman RD.

LAKE PARK, FL

US 33403

Contact: DEBBIE

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F:

## OIL CONDITION

Visc @ 40°C	cSt	█ 102.6	---	---	---
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## CONTAMINATION

Water	%	▲ 0.330	---	---	---
Silicon	ppm	16	---	---	---
Sodium	ppm	█ 37	---	---	---
Potassium	ppm	█ 0	---	---	---

## WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	▲ 244	---	---	---
Copper	ppm	26	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 32	---	---	---
Zinc	ppm	█ 33	---	---	---
Phosphorus	ppm	█ 1446	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 322	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VP152963

**Unique No:** 10686571

**Signed:** Doug Bogart

**Report Date:** 10 Oct 2023

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**VOLVO  
PENTA**

## GRAPHS

