

# OIL ANALYSIS REPORT

# VOLVO PENTA

**HOWLEY 533755 VOLVO PENTA 3200000512 - PORT IPS**

**Sample No:** VPA043281

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA043281	VPA036098	---	---
Sample Date	12 Dec 2023	21 Jan 2022	---	---
Machine Hours	806	499	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

**Jas Marine Service Inc**  
3131 SW 2Nd Ave.  
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US 33315  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 107	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	1	---	---
Sodium	ppm	█ 0	█ 4	---	---
Potassium	ppm	█ 1	█ <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

PQ		█ 14	█ 26	---	---
Iron	ppm	█ 46	█ 141	---	---
Copper	ppm	█ 5	█ 17	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 1	█ 2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	6	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 8	█ 2	---	---
Magnesium	ppm	█ 18	█ 5	---	---
Zinc	ppm	█ 4	█ <1	---	---
Phosphorus	ppm	█ 1423	█ 1433	---	---
Barium	ppm	█ 8	█ 0	---	---
Boron	ppm	█ 336	█ 304	---	---

**Depot:** VP426065  
**Unique No:** 10794859  
**Signed:** Angela Borella  
**Report Date:** 21 Dec 2023

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PENTA**

## GRAPHS

