

# OIL ANALYSIS REPORT

# VOLVO PENTA

**HARTZELL 520-286 JAY VOLVO PENTA 320000505001 - PORT IPS**

**Sample No:** VPA057257

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA057257	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	68	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Outstanding Marine

PO Box 274  
GALENA, MD  
US 21635  
Contact: Ronda Bolinger  
rlwb@verizon.net  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 96.7	---	---	---
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## CONTAMINATION

Water	%	■ 0.099	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 5	---	---	---

## WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 28	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ <1	---	---	---

## ADDITIVES

Calcium	ppm	■ 14	---	---	---
Magnesium	ppm	■ 958	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1602	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 566	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP153685  
**Unique No:** 10816485  
**Signed:** Angela Borella  
**Report Date:** 04 Jan 2024

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## GRAPHS

