

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**WARD 520-178 JAY VOLVO PENTA 3200002365 - PORT IPS**

**Sample No:** VPA021403

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA021403	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	227	---	---	---
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

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F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 102	---	---	---
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## CONTAMINATION

Water	%	■ 0.192	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

## 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 a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	■ 43	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ <1	---	---	---

## ADDITIVES

Calcium	ppm	■ 0	---	---	---
Magnesium	ppm	■ 30	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1333	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 319	---	---	---

**Depot:** VP153685  
**Unique No:** 10816461  
**Signed:** Doug Bogart  
**Report Date:** 04 Jan 2024

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## GRAPHS

