

# OIL ANALYSIS REPORT

# VOLVO PENTA

**PHIL HOLT PATRICK/502085-8250 VOLVO PENTA 3020288056 - STERNDRIVE - PORT GEARBOX**

**Sample No:** VPA056427

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

## SAMPLE INFORMATION

Sample Number	VPA056427	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	5253	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
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SEATTLE, WA  
US 98107  
Contact: WILLOW YANARELLA  
service@coastalmarineengine.com  
T: (206)784-3703  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 110	---	---	---
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## CONTAMINATION

Water	%	● 1.31	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 121	---	---	---
Potassium	ppm	■ 5	---	---	---

## WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	▲ 223	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 10	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 12	---	---	---
Magnesium	ppm	■ 18	---	---	---
Zinc	ppm	■ 23	---	---	---
Phosphorus	ppm	■ 1448	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 293	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VP794951  
**Unique No:** 10575809  
**Signed:** Jonathan Hester  
**Report Date:** 31 Jul 2023

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**VOLVO  
PENTA**

## GRAPHS

