

# OIL ANALYSIS REPORT

# VOLVO PENTA

**STEPHEN ANDERSON DANIEL/502516 VOLVO PENTA A1128632 - STERNDRIVE - CENTER GEARBOX**

**Sample No:** VPA059337

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

## SAMPLE INFORMATION

Sample Number	VPA059337	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	174	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
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US 98107  
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T: (206)784-3703  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 86.0	---	---	---
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## CONTAMINATION

Water	%	▲ 0.195	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 1	---	---	---

## WEAR METALS

PQ		■ 82	---	---	---
Iron	ppm	▲ 175	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 68	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 108	---	---	---
Phosphorus	ppm	■ 504	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 29	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP794951  
**Unique No:** 10755882  
**Signed:** Jonathan Hester  
**Report Date:** 28 Nov 2023

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## GRAPHS

