

# OIL ANALYSIS REPORT

# VOLVO PENTA

**USCG TAP523830 VOLVO PENTA A1108835 - STERNDRIVE - PORT GEARBOX**

**Sample No:** VPA056778

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

## SAMPLE INFORMATION

Sample Number	VPA056778	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	164	---	---	---
Oil Hours	164	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

## FDDA TAMPA

TAMPA, FL  
US  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 109	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 36	---	---	---
Potassium	ppm	█ 0	---	---	---

## WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	▲ 435	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 30	---	---	---
Phosphorus	ppm	█ 1290	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 263	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP208641  
**Unique No:** 10768651  
**Signed:** Don Baldrige  
**Report Date:** 06 Dec 2023

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## GRAPHS

