

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MARK REYS AK503009 VOLVO PENTA A1139327 - STERNDRIVE - GEARBOX**

**Sample No:** VPA053199

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

## SAMPLE INFORMATION

Sample Number	VPA053199	---	---	---
Sample Date	28 May 2024	---	---	---
Machine Hours	777	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	■ 90.7	---	---	---
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## CONTAMINATION

Water	%	■ 0.132	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

PQ		■ 26	---	---	---
Iron	ppm	▲ 210	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 6	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 30	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 93	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 57	---	---	---
Phosphorus	ppm	■ 1408	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 184	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. The iron level is abnormal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP794951  
**Unique No:** 11076480  
**Signed:** Sean Felton  
**Report Date:** 17 Jun 2024

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## GRAPHS

