

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BRAD PETERSON PETERSON VOLVO PENTA 3950001099 - PORT IPS**

**Sample No:** VPA050843

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

## SAMPLE INFORMATION

Sample Number	VPA050843	VPA056460	---	---
Sample Date	14 Nov 2023	22 Aug 2023	---	---
Machine Hours	1930	1765	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 105	█ 110	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	█ 2	█ 5	---	---
Potassium	ppm	█ 2	█ 0	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		█ 16	█ 31	---	---
Iron	ppm	█ 58	█ 105	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	4	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 9	█ 2	---	---
Magnesium	ppm	█ 3	█ 0	---	---
Zinc	ppm	█ 0	█ 0	---	---
Phosphorus	ppm	█ 1293	█ 1457	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 360	█ 340	---	---

**Depot:** VP151520  
**Unique No:** 10751860  
**Signed:** Jonathan Hester  
**Report Date:** 22 Nov 2023

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## GRAPHS

