

# OIL ANALYSIS REPORT

# VOLVO PENTA

**FRED LOPATIN LOPATIN VOLVO PENTA 3950003986 - PORT IPS**

**Sample No:** VPA056408

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

## SAMPLE INFORMATION

Sample Number	<b>VPA056408</b>	VPA042926	---	---
Sample Date	<b>04 Mar 2024</b>	21 Mar 2023	---	---
Machine Hours	<b>618</b>	505	---	---
Oil Hours	<b>110</b>	287	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>103</b>	104	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>2</b>	1	---	---
Sodium	ppm	<b>&lt;1</b>	<1	---	---
Potassium	ppm	<b>2</b>	1	---	---

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

## WEAR METALS

PQ		<b>16</b>	7	---	---
Iron	ppm	<b>24</b>	25	---	---
Copper	ppm	<b>4</b>	8	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>1</b>	0	---	---
Aluminum	ppm	<b>2</b>	0	---	---
Chromium	ppm	<b>&lt;1</b>	0	---	---
Molybdenum	ppm	<b>1</b>	1	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	2	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---

Diagnosis

## ADDITIVES

Calcium	ppm	<b>13</b>	12	---	---
Magnesium	ppm	<b>5</b>	27	---	---
Zinc	ppm	<b>2</b>	0	---	---
Phosphorus	ppm	<b>1419</b>	1291	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>335</b>	306	---	---

**Depot:** VP297371

**Unique No:** 10954738

**Signed:** Jonathan Hester

**Report Date:** 04 Apr 2024

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## GRAPHS

