

# OIL ANALYSIS REPORT

# VOLVO PENTA

**LINGARD LINGARD VOLVO PENTA 3940021229 - PORT IPS**

**Sample No:** VPA056764

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

## SAMPLE INFORMATION

Sample Number	VPA056764	---	---	---
Sample Date	27 Mar 2024	---	---	---
Machine Hours	525	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 0	---	---	---

## WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 76	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	<1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 8	---	---	---
Phosphorus	ppm	█ 1403	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 320	---	---	---

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## 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.

**Depot:** VP152567  
**Unique No:** 10953154  
**Signed:** Sean Felton  
**Report Date:** 03 Apr 2024

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## GRAPHS

