

# OIL ANALYSIS REPORT

# VOLVO PENTA

**DAVID MEINERT 7717976 VOLVO PENTA 3940026695 - PORT IPS**

**Sample No:** VPA050903

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

## SAMPLE INFORMATION

Sample Number	<b>VPA050903</b>	VPA042166	VPA032015	---
Sample Date	<b>07 Dec 2023</b>	08 Sep 2022	19 May 2021	---
Machine Hours	<b>0</b>	705	608	---
Oil Hours	<b>0</b>	705	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**Pacific Power Group - VP981534**

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## OIL CONDITION

Visc @ 40°C	cSt	<b>101</b>	109	104	---
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## CONTAMINATION

Water	%	<b>0.171</b>	NEG	NEG	---
Silicon	ppm	<b>9</b>	8	12	---
Sodium	ppm	<b>4</b>	2	3	---
Potassium	ppm	<b>4</b>	0	4	---

## 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		<b>29</b>	16	20	---
Iron	ppm	<b>134</b>	28	51	---
Copper	ppm	<b>10</b>	5	8	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	1	2	---
Chromium	ppm	<b>1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>2</b>	0	<1	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>3</b>	2	4	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>6</b>	8	14	---
Magnesium	ppm	<b>4</b>	15	73	---
Zinc	ppm	<b>0</b>	7	4	---
Phosphorus	ppm	<b>1439</b>	1275	1332	---
Barium	ppm	<b>0</b>	<1	0	---
Boron	ppm	<b>317</b>	381	366	---

**Depot:** VP99031103

**Unique No:** 10790128

**Signed:** Don Baldrige

**Report Date:** 18 Dec 2023

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**VOLVO  
PENTA**

## GRAPHS

