

# OIL ANALYSIS REPORT

# VOLVO PENTA

**SCOTT BADE GC VOLVO PENTA 3950002263 - PORT IPS**

**Sample No:** VPA036511  
**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA036511</b>	VPA041102	---	---
Sample Date	<b>20 Feb 2024</b>	09 Feb 2023	---	---
Machine Hours	<b>306</b>	215	---	---
Oil Hours	<b>91</b>	167	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

## OIL CONDITION

Visc @ 40°C	cSt	<b>111</b>	108	---	---
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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>1</b>	0	---	---

## WEAR METALS

PQ		<b>15</b>	16	---	---
Iron	ppm	<b>83</b>	61	---	---
Copper	ppm	<b>9</b>	5	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>7</b>	12	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	4	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>1</b>	1	---	---
Vanadium	ppm	<b>0</b>	0	---	---

## ADDITIVES

Calcium	ppm	<b>13</b>	56	---	---
Magnesium	ppm	<b>1</b>	3	---	---
Zinc	ppm	<b>69</b>	123	---	---
Phosphorus	ppm	<b>1375</b>	1454	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>250</b>	65	---	---

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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:** VP151756  
**Unique No:** 10912444  
**Signed:** Sean Felton  
**Report Date:** 07 Mar 2024

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## GRAPHS

