

# OIL ANALYSIS REPORT



**STEPHEN ALDRIDGE 505524 VOLVO PENTA 3194011587 - PORT IPS**

**Sample No:** VPA052167  
**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA052167</b>	VPA041063	VPA034100	---
Sample Date	<b>08 Feb 2024</b>	23 Feb 2023	14 Jul 2022	---
Machine Hours	<b>975</b>	950	926	---
Oil Hours	<b>25</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>106</b>	106	106.9	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>6</b>	10	11	---
Sodium	ppm	<b>0</b>	0	0	---
Potassium	ppm	<b>&lt;1</b>	<1	<1	---

## Diagnosis

No corrective action is recommended at this time. 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>17</b>	17	25	---
Iron	ppm	<b>20</b>	69	58	---
Copper	ppm	<b>3</b>	9	8	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>1</b>	2	2	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	0	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>0</b>	1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>33</b>	8	6	---
Magnesium	ppm	<b>15</b>	8	4	---
Zinc	ppm	<b>24</b>	17	8	---
Phosphorus	ppm	<b>1389</b>	1304	1340	---
Barium	ppm	<b>8</b>	0	0	---
Boron	ppm	<b>325</b>	290	376	---

**Depot:** VP297371  
**Unique No:** 10875166  
**Signed:** Sean Felton  
**Report Date:** 15 Feb 2024

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## GRAPHS

