

# OIL ANALYSIS REPORT



## FOLLET 505665 VOLVO PENTA 3950006299 - PORT IPS

**Sample No:** VPA051100  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	<b>VPA051100</b>	VPA041052	VPA023998	---
Sample Date	<b>25 Mar 2024</b>	17 Mar 2023	10 Feb 2021	---
Machine Hours	<b>287</b>	237	96	---
Oil Hours	<b>287</b>	40	96	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>106</b>	111	96.4	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>2</b>	2	8	---
Sodium	ppm	<b>&lt;1</b>	<1	3	---
Potassium	ppm	<b>2</b>	<1	0	---

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>15</b>	12	25	---
Iron	ppm	<b>16</b>	16	30	---
Copper	ppm	<b>2</b>	1	4	---
Lead	ppm	<b>1</b>	0	0	---
Tin	ppm	<b>1</b>	0	0	---
Aluminum	ppm	<b>2</b>	<1	2	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	2	6	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---

Diagnosis

### ADDITIVES

Calcium	ppm	<b>14</b>	2	56	---
Magnesium	ppm	<b>6</b>	16	996	---
Zinc	ppm	<b>6</b>	0	7	---
Phosphorus	ppm	<b>1459</b>	1263	1496	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>340</b>	315	492	---

**Depot:** VP297371  
**Unique No:** 10954734  
**Signed:** Jonathan Hester  
**Report Date:** 04 Apr 2024

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**VOLVO  
PENTA**

## GRAPHS

