

# OIL ANALYSIS REPORT

# VOLVO PENTA

**17694 VOLVO PENTA 3200001633 - STARBOARD IPS**

**Sample No:** VPA028088

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA028088</b>	VPA028844	---	---
Sample Date	<b>08 Mar 2024</b>	22 Jul 2021	---	---
Machine Hours	<b>803</b>	79	---	---
Oil Hours	<b>0</b>	79	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>ATTENTION</b>	NORMAL	---	---

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F:

## OIL CONDITION

Visc @ 40°C	cSt	<b>112.9</b>	110	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>2</b>	2	---	---
Sodium	ppm	<b>22</b>	17	---	---
Potassium	ppm	<b>&lt;1</b>	4	---	---

## WEAR METALS

PQ		<b>21</b>	17	---	---
Iron	ppm	<b>273</b>	50	---	---
Copper	ppm	<b>42</b>	6	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>10</b>	3	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>1</b>	0	---	---
Nickel	ppm	<b>3</b>	2	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>3</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---

## ADDITIVES

Calcium	ppm	<b>40</b>	12	---	---
Magnesium	ppm	<b>9</b>	64	---	---
Zinc	ppm	<b>64</b>	55	---	---
Phosphorus	ppm	<b>1252</b>	1215	---	---
Barium	ppm	<b>&lt;1</b>	0	---	---
Boron	ppm	<b>211</b>	209	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP509836  
**Unique No:** 10924443  
**Signed:** Jonathan Hester  
**Report Date:** 15 Mar 2024

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**VOLVO  
PENTA**

## GRAPHS

