

# OIL ANALYSIS REPORT

# VOLVO PENTA

**10908 VOLVO PENTA 21866032 - STARBOARD IPS**

**Sample No:** VPA051909

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

## SAMPLE INFORMATION

Sample Number	VPA051909	---	---	---
Sample Date	10 Dec 2023	---	---	---
Machine Hours	578	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 100	---	---	---
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## CONTAMINATION

Water	%	● 1.10	---	---	---
Silicon	ppm	▲ 12	---	---	---
Sodium	ppm	■ 144	---	---	---
Potassium	ppm	■ 4	---	---	---

## WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	▲ 201	---	---	---
Copper	ppm	■ 23	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	■ 116	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	■ 60	---	---	---
Phosphorus	ppm	■ 1274	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 314	---	---	---

### Hinckley Yacht Services

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PORTSMOUTH, RI  
US 02871-6115  
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T:  
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### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VP155302  
**Unique No:** 10780731  
**Signed:** Jonathan Hester  
**Report Date:** 14 Dec 2023

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## GRAPHS

