

# OIL ANALYSIS REPORT

# VOLVO PENTA

**EMRICK JB VOLVO PENTA 3194001589 - STARBOARD IPS**

**Sample No:** VPA044073

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

## SAMPLE INFORMATION

Sample Number	VPA044073	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	619	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

### Point Judith Marina

360 Gooseberry Road  
WAKEFIELD, RI  
US 02879

Contact: MATT ST. ANGELO  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 124	---	---	---
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## CONTAMINATION

Water	%	● 6.66	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 522	---	---	---
Potassium	ppm	█ 23	---	---	---

## WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	█ 65	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---

## ADDITIVES

Calcium	ppm	█ 47	---	---	---
Magnesium	ppm	█ 79	---	---	---
Zinc	ppm	█ 21	---	---	---
Phosphorus	ppm	█ 1340	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 315	---	---	---

## 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. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VP153811  
**Unique No:** 10633128  
**Signed:** Jonathan Hester  
**Report Date:** 08 Sep 2023

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## GRAPHS

