

# OIL ANALYSIS REPORT

# VOLVO PENTA

**STEVE MUCH PB 50-55 VOLVO PENTA 3200003459 - PORT IPS**

**Sample No:** VPA047610

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

## SAMPLE INFORMATION

Sample Number	VPA047610	---	---	---
Sample Date	02 May 2023	---	---	---
Machine Hours	196	---	---	---
Oil Hours	196	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	395	---	---	---
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## CONTAMINATION

Water	%	42.6	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	3228	---	---	---
Potassium	ppm	156	---	---	---

## WEAR METALS

PQ		52	---	---	---
Iron	ppm	68	---	---	---
Copper	ppm	16	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	205	---	---	---
Magnesium	ppm	986	---	---	---
Zinc	ppm	34	---	---	---
Phosphorus	ppm	1055	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	261	---	---	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil and perform a filter service on this component if not already 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:** VP531377

**Unique No:** 10460446

**Signed:** Jonathan Hester

**Report Date:** 12 May 2023

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**VOLVO  
PENTA**

## GRAPHS

