

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MIKE BERKMAN ANDREW VOLVO PENTA 3950003613 - PORT IPS**

**Sample No:** VPA050749

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA050749	VPA043892	---	---
Sample Date	29 Oct 2023	23 Jun 2022	---	---
Machine Hours	849	521	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

## OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 108	---	---
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## CONTAMINATION

Silicon	ppm	█ 2	█ 2	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 3	█ 2	---	---

## WEAR METALS

PQ		█ 22	█ 23	---	---
Iron	ppm	█ 76	█ 28	---	---
Copper	ppm	█ 9	█ 6	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ <1	█ 0	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	█ 0	█ 0	---	---

## ADDITIVES

Calcium	ppm	█ 5	█ 11	---	---
Magnesium	ppm	█ 1	█ 15	---	---
Zinc	ppm	█ 0	█ 5	---	---
Phosphorus	ppm	█ 1418	█ 1192	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 310	█ 306	---	---

### GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP531377

**Unique No:** 10714980

**Signed:** Doug Bogart

**Report Date:** 09 Nov 2023

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PENTA**

## GRAPHS

