

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BERNARD GOODIN 3723/PB55-15 VOLVO PENTA 3950003091 - PORT IPS**

**Sample No:** VPA053514

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

## SAMPLE INFORMATION

Sample Number	VPA053514	VPA045402	---	---
Sample Date	11 Apr 2024	30 May 2023	---	---
Machine Hours	700	670	---	---
Oil Hours	0	200	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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## OIL CONDITION

Visc @ 40°C	cSt	█ 105	104	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	█ 24	█ 26	---	---
Potassium	ppm	█ 0	█ 0	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		█ 29	█ 24	---	---
Iron	ppm	█ 170	█ 185	---	---
Copper	ppm	█ 26	█ 22	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	4	<1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 7	█ 8	---	---
Vanadium	ppm	<1	0	---	---

## ADDITIVES

Calcium	ppm	█ 7	█ 10	---	---
Magnesium	ppm	█ 16	█ 15	---	---
Zinc	ppm	█ 114	█ 74	---	---
Phosphorus	ppm	█ 1272	█ 1208	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 259	█ 276	---	---

**Depot:** VP531377

**Unique No:** 10990206

**Signed:** Don Baldrige

**Report Date:** 23 Apr 2024

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## GRAPHS

