

# OIL ANALYSIS REPORT

# VOLVO PENTA

**STEVE AND JOAN IHLENFELDT SR00100232 VOLVO PENTA A1180429 - INBOARD - PORT GEARBOX**

**Sample No:** VPA064179  
**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA064179	---	---	---
Sample Date	14 Jun 2024	---	---	---
Machine Hours	180	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**Pacific Power Group - VP981534**  
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Kent, WA  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 92.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 5	---	---	---

## WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 18	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminium	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 52	---	---	---
Magnesium	ppm	146	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 1521	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 510	---	---	---

## Diagnosis

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:** VP99031103  
**Unique No:** 11100787  
**Signed:** Don Baldrige  
**Report Date:** 29 Jun 2024

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**VOLVO  
PENTA**

## GRAPHS

