

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BOROCHANER VOLVO PENTA A323299 - PORT IPS

Sample No: VPA036771

Oil Type: VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA036771	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	762	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

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

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

PQ		█ 30	---	---	---
Iron	ppm	█ 125	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 8	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 13	---	---	---
Phosphorus	ppm	█ 1363	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 308	---	---	---

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### 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:** VP1298996  
**Unique No:** 10646445  
**Signed:** Don Baldrige  
**Report Date:** 18 Sep 2023

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## GRAPHS

