

OIL ANALYSIS REPORT

VOLVO PENTA

BOROCHANER VOLVO PENTA A323300 - STARBOARD IPS

Sample No: VPA036768

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036768	---	---	---
Sample Date	06 Sep 2023	---	---	---
Machine Hours	761	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 105	---	---	---
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CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 22	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	▲ 249	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 16	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 29	---	---	---
Phosphorus	ppm	■ 1420	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 298	---	---	---

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Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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: 10646446
Signed: Don Baldrige
Report Date: 18 Sep 2023

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GRAPHS

