

OIL ANALYSIS REPORT

VOLVO PENTA

CATHNZARO JB VOLVO PENTA VOLVO PENTA IPS-2 (S/N NOT GIVEN) - PORT IPS

Sample No: VPA044075

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA044075	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	957	---	---	---
Oil Hours	20	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

Point Judith Marina

360 Gooseberry Road
WAKEFIELD, RI
US 02879

Contact: MATT ST. ANGELO
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OIL CONDITION

Visc @ 40°C	cSt	■ 108	---	---	---
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CONTAMINATION

Water	%	▲ 0.206	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	▲ 256	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 4	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 15	---	---	---
Phosphorus	ppm	■ 1389	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 317	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP153811
Unique No: 10576965
Signed: Doug Bogart
Report Date: 31 Jul 2023

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PENTA**

GRAPHS

