

OIL ANALYSIS REPORT

VOLVO PENTA

JONATHAN BARBARA VOLVO PENTA 3200002951 - STARBOARD IPS

Sample No: VPA048416

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048416	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	215	---	---	---
Oil Hours	49	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 25	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 14	---	---	---
Iron	ppm	■ 196	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 17	---	---	---
Magnesium	ppm	■ 40	---	---	---
Zinc	ppm	■ 336	---	---	---
Phosphorus	ppm	■ 1410	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 176	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The chromium level is normal. 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: VPCYMPOM
Unique No: 10740327
Signed: Doug Bogart
Report Date: 14 Nov 2023

OIL ANALYSIS REPORT



GRAPHS

