

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA IPS-3 - CENTER (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA036226

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036226	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	1648	---	---	---
Oil Hours	621	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 101	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 10	---	---	---
Iron	ppm	■ 54	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 13	---	---	---
Magnesium	ppm	■ 101	---	---	---
Zinc	ppm	■ 17	---	---	---
Phosphorus	ppm	■ 1912	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	■ 485	---	---	---

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Diagnosis

No corrective action is recommended at this time. 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: VP288530

Unique No: 10897674

Signed: Doug Bogart

Report Date: 05 Mar 2024

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GRAPHS

