

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA IPS-4 (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA036208

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA036208	---	---	---
Sample Date	04 Mar 2024	---	---	---
Machine Hours	1642	---	---	---
Oil Hours	593	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 101	---	---	---
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### CONTAMINATION

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

### WEAR METALS

PQ		█ 13	---	---	---
Iron	ppm	█ 48	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	76	---	---	---
Zinc	ppm	█ <1	---	---	---
Phosphorus	ppm	█ 1352	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 316	---	---	---

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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: 10897673  
Signed: Doug Bogart  
Report Date: 05 Mar 2024

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## GRAPHS

