

# OIL ANALYSIS REPORT

# VOLVO PENTA

## ALEX PROK TOM VOLVO PENTA 3950005071 - STARBOARD IPS

**Sample No:** VPA052451  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA052451	VPA047883	---	---
Sample Date	22 Dec 2023	25 May 2023	---	---
Machine Hours	357	348	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 108	█ 108	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 0	█ 1	---	---

### WEAR METALS

PQ		█ 19	█ 11	---	---
Iron	ppm	█ 7	█ 12	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 19	█ 13	---	---
Magnesium	ppm	█ 14	█ 13	---	---
Zinc	ppm	█ 2	█ 0	---	---
Phosphorus	ppm	█ 1482	█ 1434	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 308	█ 302	---	---

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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:** VP151529  
**Unique No:** 10805835  
**Signed:** Doug Bogart  
**Report Date:** 27 Dec 2023

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PENTA**

## GRAPHS

