

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BALZEREI VOLVO PENTA 3940018699 - PORT IPS

**Sample No:** VPA049895  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA049895	---	---	---
Sample Date	05 Nov 2023	---	---	---
Machine Hours	405	---	---	---
Oil Hours	50	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 107.7	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

### WEAR METALS

PQ		█ 17	---	---	---
Iron	ppm	█ 38	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---

### ADDITIVES

Calcium	ppm	█ 8	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 43	---	---	---
Phosphorus	ppm	█ 900	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 48	---	---	---

### Outstanding Marine

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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:** VP153685  
**Unique No:** 10727887  
**Signed:** Doug Bogart  
**Report Date:** 06 Nov 2023

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PENTA**

## GRAPHS

