

# OIL ANALYSIS REPORT

# VOLVO PENTA

**GREG MOERSCHEL 505734 VOLVO PENTA 3950007567 - PORT IPS**

**Sample No:** VPA052132

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA052132	VPA046991	---	---
Sample Date	20 Dec 2023	28 Nov 2022	---	---
Machine Hours	290	217	---	---
Oil Hours	73	104	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**Jefferson Beach Yacht Sales Inc**

24400 Jefferson Ave.  
SAINT CLAIR SHORES, MI  
US 48080

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F:

## OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 102	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 0	█ 4	---	---

## Diagnosis

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.

## WEAR METALS

PQ		█ 15	█ 9	---	---
Iron	ppm	█ 19	█ 24	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 14	█ 7	---	---
Magnesium	ppm	█ 62	█ 233	---	---
Zinc	ppm	█ 5	█ 0	---	---
Phosphorus	ppm	█ 1431	█ 1350	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 320	█ 353	---	---

**Depot:** VP297371

**Unique No:** 10804800

**Signed:** Sean Felton

**Report Date:** 27 Dec 2023

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PENTA**

## GRAPHS

