

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MICHAEL ELDRIDGE SAM VOLVO PENTA 3200002811 (S/N 320002811) - PORT IPS**

**Sample No:** VPA059181  
**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA059181	VPA056573	---	---
Sample Date	05 Mar 2024	23 May 2023	---	---
Machine Hours	393	239	---	---
Oil Hours	154	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 107	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	1	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 2	█ 5	---	---

## 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		█ 16	█ 6	---	---
Iron	ppm	█ 31	█ 19	---	---
Copper	ppm	6	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ <1	2	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 4	10	---	---
Magnesium	ppm	█ 14	121	---	---
Zinc	ppm	█ 2	0	---	---
Phosphorus	ppm	█ 1373	1471	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 310	344	---	---

**Depot:** VP794951  
**Unique No:** 10915820  
**Signed:** Don Baldrige  
**Report Date:** 11 Mar 2024

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## GRAPHS

