

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CYNTHIA IAN DANIEL/502315 VOLVO PENTA 51220381320 - SAIL DRIVE - GEARBOX**

**Sample No:** VPA055178

**Oil Type:** VOLVO PENTA SAE 15W40

## SAMPLE INFORMATION

Sample Number	VPA055178	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	50	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
4300 11th Ave. NW  
SEATTLE, WA  
US 98107  
Contact: WILLOW YANARELLA  
service@coastalmarineengine.com  
T: (206)784-3703  
F: (206)784-8823

## OIL CONDITION

Visc @ 40°C	cSt	■ 68.5	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 27	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 4	---	---	---

## WEAR METALS

PQ		■ 33	---	---	---
Iron	ppm	■ 69	---	---	---
Copper	ppm	■ 119	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 79	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 1237	---	---	---
Magnesium	ppm	■ 1124	---	---	---
Zinc	ppm	■ 1487	---	---	---
Phosphorus	ppm	■ 1272	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	■ 8	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP794951  
**Unique No:** 10670342  
**Signed:** Don Baldrige  
**Report Date:** 01 Oct 2023

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## GRAPHS

