

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TOM ALLAN PATRICK/502919-7400 VOLVO PENTA 51220311128 - INBOARD - CENTER GEARBOX**

**Sample No:** VPA059341

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

## SAMPLE INFORMATION

Sample Number	VPA059341	VPA037137	---	---
Sample Date	07 May 2024	25 Jan 2022	---	---
Machine Hours	314	222	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	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	█ 71.8	72.9	---	---
-------------	-----	--------	------	-----	-----

## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 8	█ 9	---	---
Sodium	ppm	█ 25	█ 14	---	---
Potassium	ppm	█ 3	█ <1	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

## WEAR METALS

PQ		█ 20	█ 19	---	---
Iron	ppm	█ 12	█ 9	---	---
Copper	ppm	█ 51	█ 20	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 2	█ <1	---	---
Aluminum	ppm	█ 2	█ 1	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ 53	█ 44	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

## ADDITIVES

Calcium	ppm	█ 1110	█ 1095	---	---
Magnesium	ppm	█ 922	█ 810	---	---
Zinc	ppm	█ 1232	█ 1084	---	---
Phosphorus	ppm	█ 1186	█ 948	---	---
Barium	ppm	17	24	---	---
Boron	ppm	█ 18	█ 36	---	---

**Depot:** VP794951  
**Unique No:** 11033016  
**Signed:** Sean Felton  
**Report Date:** 20 May 2024

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

