

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TIMOTHY ATTWELL DANIEL/502587 VOLVO PENTA 21194675 - INBOARD - CENTER GEARBOX**

**Sample No:** VPA059030

**Oil Type:** VALVOLINE DEXRON III/MERCON ATF

## SAMPLE INFORMATION

Sample Number	VPA059030	VPA011944	---	---
Sample Date	12 Dec 2023	11 Nov 2016	---	---
Machine Hours	842	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 26.6	█ 28.79	---	---
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## CONTAMINATION

Water	%	█ 0.126	NEG	---	---
Silicon	ppm	█ 2	█ 9	---	---
Sodium	ppm	█ 0	█ 3	---	---
Potassium	ppm	█ 0	█ 2	---	---

## 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		█ 121	█ 35.0	---	---
Iron	ppm	█ 76	█ 22	---	---
Copper	ppm	█ 10	█ 9	---	---
Lead	ppm	█ 10	█ 4	---	---
Tin	ppm	█ 0	█ 3	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

## ADDITIVES

Calcium	ppm	█ 143	█ 7	---	---
Magnesium	ppm	█ 0	█ 0	---	---
Zinc	ppm	█ 0	█ 4	---	---
Phosphorus	ppm	█ 327	█ 161	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 166	█ 73	---	---

**Depot:** VP794951  
**Unique No:** 10796037  
**Signed:** Jonathan Hester  
**Report Date:** 22 Dec 2023

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## GRAPHS

