

# OIL ANALYSIS REPORT

# VOLVO PENTA

**585673** **MERCURY 3B187858 - OUTBOARD - CENTER GEARBOX**

**Sample No:** VPA019309

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA019309	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	75	---	---	---
Oil Hours	34	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 97.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---

## WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	■ 8	---	---	---
Copper	ppm	▲ 279	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	51	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1974	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	1360	---	---	---
Phosphorus	ppm	1036	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	195	---	---	---

### Galati Yacht Sales LLC

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### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP648685  
**Unique No:** 10860677  
**Signed:** Jonathan Hester  
**Report Date:** 06 Feb 2024

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## GRAPHS

