

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JAMES REED JR VOLVO PENTA 3950005221 - STARBOARD IPS**

**Sample No:** VPA051834

**Oil Type:** VOLVO

## SAMPLE INFORMATION

Sample Number	VPA051834	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	490	---	---	---
Oil Hours	15	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ONE WATER YACHT

3201 W STATE RD 84

FR LAUDERDALE, FL

US 33312

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## OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

PQ		■ 14	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminium	ppm	2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	19	---	---	---
Phosphorus	ppm	1362	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	284	---	---	---

## 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.

**Depot:** VP1134827

**Unique No:** 10765205

**Signed:** Don Baldrige

**Report Date:** 02 Dec 2023

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## GRAPHS

