

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JC HULZINGA VOLVO PENTA 3950006458 - STARBOARD IPS**

**Sample No:** VPA046898

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA046898	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	235	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## YACHT BASIN MARINA

1866 OTTAWA BEACH RD

HOLLAND, MI

US 49424

Contact: OIL SAMPLE/PART

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## OIL CONDITION

Visc @ 40°C	cSt	■ 106	---	---	---
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## CONTAMINATION

Silicon	ppm	<1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

## WEAR METALS

PQ		■ 13	---	---	---
Iron	ppm	■ 17	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1472	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	252	---	---	---

## 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:** VP718610

**Unique No:** 10539888

**Signed:** Angela Borella

**Report Date:** 06 Jul 2023

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## GRAPHS

