

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MATIC MATIC VOLVO PENTA 3940024438 - STARBOARD IPS**

**Sample No:** VPA058289

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA058289	---	---	---
Sample Date	03 Mar 2024	---	---	---
Machine Hours	1008	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**Harry's Marine Service LLC**

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US 92887

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## OIL CONDITION

Visc @ 40°C	cSt	█ 105.4	---	---	---
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## CONTAMINATION

Water	%	█ 0.107	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ 0	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a trace of moisture present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	█ 83	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	█ 0	---	---	---

## ADDITIVES

Calcium	ppm	█ 32	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 47	---	---	---
Phosphorus	ppm	█ 1481	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 244	---	---	---

**Depot:** VP867279

**Unique No:** 10911405

**Signed:** Doug Bogart

**Report Date:** 04 Mar 2024

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## GRAPHS

