

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TEPPER FRANK/23124 VOLVO PENTA 3194011045 - STARBOARD IPS**

**Sample No:** VPA055257

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA055257	---	---	---
Sample Date	11 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**Seven Seas Yacht Services LLC**

1804 CRAB ALLEY DR

CHESTER, MD

US 21619

Contact: Stephanie Wright

stephanie@sevenseasys.com

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## OIL CONDITION

Visc @ 40°C	cSt	■ 109	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	▲ 401	---	---	---
Copper	ppm	■ 37	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	■ 20	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	17	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	62	---	---	---
Phosphorus	ppm	1648	---	---	---
Barium	ppm	8	---	---	---
Boron	ppm	330	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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:** VP601781

**Unique No:** 10794853

**Signed:** Angela Borella

**Report Date:** 21 Dec 2023

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## GRAPHS

