

# OIL ANALYSIS REPORT

# VOLVO PENTA

**PHIL PHIL VOLVO PENTA 3200004381 - STARBOARD IPS**

**Sample No:** VPA054857

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA054857	---	---	---
Sample Date	07 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**Harry's Marine Service LLC**

1141 N. Citrus St.

Orange, CA

US 92887

Contact: TARAH AULD

info@harrismarine.com

T: (714)771-7899

F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 93.03	---	---	---
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## CONTAMINATION

Water	%	■ 0.187	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 13	---	---	---

## WEAR METALS

PQ		■ 34	---	---	---
Iron	ppm	■ 73	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 88	---	---	---
Magnesium	ppm	■ 904	---	---	---
Zinc	ppm	■ 32	---	---	---
Phosphorus	ppm	■ 1414	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 585	---	---	---

## 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. The condition of the oil is acceptable for the time in service.

**Depot:** VP867279

**Unique No:** 11019156

**Signed:** Doug Bogart

**Report Date:** 10 May 2024

# OIL ANALYSIS REPORT



## GRAPHS

