

# OIL ANALYSIS REPORT

# VOLVO PENTA

**RICK MORRIS JF VOLVO PENTA 3940017776 - STARBOARD IPS**

**Sample No:** VPA052585

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

## SAMPLE INFORMATION

Sample Number	VPA052585	---	---	---
Sample Date	09 Jul 2024	---	---	---
Machine Hours	309	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**TOTAL MARINE OF MARYLAND INC**  
106 WELLS COVE ROAD SUITE 2  
GRASONVILLE, MD  
US 21638  
Contact: JAMIE FLAHERTY  
jflaherty@totalmarine.com  
T: (410)604-6000  
F:

## OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

## 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.

## WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 38	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminium	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 1357	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 282	---	---	---

**Depot:** VP1130693  
**Unique No:** 11116067  
**Signed:** Don Baldrige  
**Report Date:** 12 Jul 2024

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## GRAPHS

