

# OIL ANALYSIS REPORT

# VOLVO PENTA

**FABIAN KEVIN M VOLVO PENTA 3194011883 - STARBOARD IPS**

**Sample No:** VPA030833

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

## SAMPLE INFORMATION

Sample Number	VPA030833	---	---	---
Sample Date	27 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

**COLTONS POINT MARINA**  
38000 KOPELS ROAD  
COLTONS POINT, MD  
US 20626  
Contact: VIET NGUYEN  
vnguyen@coltonspointmarina.com  
T: (301)769-3121  
F: (301)769-2547

## OIL CONDITION

Visc @ 40°C	cSt	■ 105	---	---	---
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## CONTAMINATION

Water	%	<0.050	---	---	---
Silicon	ppm	▲ 16	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ <1	---	---	---

## WEAR METALS

PQ		■ 47	---	---	---
Iron	ppm	▲ 346	---	---	---
Copper	ppm	■ 27	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 11	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 16	---	---	---
Phosphorus	ppm	■ 1441	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 291	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. No water, or moisture detected in the sample. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP155438  
**Unique No:** 10538556  
**Signed:** Doug Bogart  
**Report Date:** 24 Jul 2023

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## GRAPHS

