

# OIL ANALYSIS REPORT

# VOLVO PENTA

**DUFALA 505817 VOLVO PENTA 3940017001 - STARBOARD IPS**

**Sample No:** VPA056332

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA056332</b>	VPA042450	---	---
Sample Date	<b>05 Mar 2024</b>	26 Jan 2023	---	---
Machine Hours	<b>984</b>	956	---	---
Oil Hours	<b>61</b>	33	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**Jefferson Beach Yacht Sales Inc**  
24400 Jefferson Ave.  
SAINT CLAIR SHORES, MI  
US 48080  
Contact: DENNIS BUTT  
dbutt@jbys.com  
T: (866)490-5297  
F:

## OIL CONDITION

Visc @ 40°C	cSt	<b>120</b>	115	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>4</b>	8	---	---
Sodium	ppm	<b>&lt;1</b>	1	---	---
Potassium	ppm	<b>&lt;1</b>	2	---	---

## 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 no indication of any contamination in the oil. The condition of the oil is suitable for further service.

## WEAR METALS

PQ		<b>15</b>	15	---	---
Iron	ppm	<b>26</b>	36	---	---
Copper	ppm	<b>4</b>	9	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	<1	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	2	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---

## ADDITIVES

Calcium	ppm	<b>0</b>	31	---	---
Magnesium	ppm	<b>0</b>	<1	---	---
Zinc	ppm	<b>0</b>	10	---	---
Phosphorus	ppm	<b>1340</b>	1257	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>358</b>	295	---	---

**Depot:** VP297371  
**Unique No:** 10917244  
**Signed:** Sean Felton  
**Report Date:** 12 Mar 2024

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## GRAPHS

