

# OIL ANALYSIS REPORT

# VOLVO PENTA

**STEVE WHITENER MATTHEW DOW VOLVO PENTA 3950005042 - STARBOARD IPS**

**Sample No:** VPA049922

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

## SAMPLE INFORMATION

Sample Number	VPA049922	VPA055908	---	---
Sample Date	11 Mar 2024	20 Apr 2023	---	---
Machine Hours	502	480	---	---
Oil Hours	22	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**Mobile Marine Services Inc**  
01032 Advance Rd South  
EAST JORDAN, MI  
US 49727  
Contact: Duane Kujat  
mobilemarine@twin-valley.net  
T: Phone  
F:

## OIL CONDITION

Visc @ 40°C	cSt	█ 103	█ 109	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	7	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 0	█ 2	---	---

## 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		█ 16	█ 15	---	---
Iron	ppm	█ 7	█ 20	---	---
Copper	ppm	<1	5	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	0	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	<1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 3	1	---	---
Magnesium	ppm	█ 2	3	---	---
Zinc	ppm	█ 2	4	---	---
Phosphorus	ppm	█ 1214	1306	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 301	351	---	---

**Depot:** VP443016  
**Unique No:** 10929997  
**Signed:** Don Baldrige  
**Report Date:** 20 Mar 2024

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**VOLVO  
PENTA**

## GRAPHS

