

# OIL ANALYSIS REPORT



**RICK MYERS DANIEL/502689 VOLVO PENTA 3940027875 - STARBOARD IPS**

**Sample No:** VPA059375  
**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA059375	VPA045940	---	---
Sample Date	23 Jan 2024	01 May 2023	---	---
Machine Hours	988	955	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
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US 98107  
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## OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	8	14	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 2	█ 8	---	---

## 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	█ 16	---	---
Iron	ppm	█ 21	█ 27	---	---
Copper	ppm	3	7	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 4	---	---
Vanadium	ppm	<1	0	---	---

## ADDITIVES

Calcium	ppm	█ 0	█ 14	---	---
Magnesium	ppm	█ 10	█ 99	---	---
Zinc	ppm	█ 2	█ 5	---	---
Phosphorus	ppm	█ 1466	█ 1383	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 355	█ 403	---	---

**Depot:** VP794951  
**Unique No:** 10926214  
**Signed:** Don Baldrige  
**Report Date:** 15 Mar 2024

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**VOLVO  
PENTA**

## GRAPHS

