

# OIL ANALYSIS REPORT

# VOLVO PENTA

**GREG STRZYNSKI GARRET CASSIDY MERCURY OM975559 - STARBOARD TRANSMISSION**

**Sample No:** VPA036353

**Oil Type:** MERCURY HIGH PERFORMANCE SAE 90

## SAMPLE INFORMATION

Sample Number	VPA036353	---	---	---
Sample Date	25 Jun 2024	---	---	---
Machine Hours	374	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**Michigan Yachcrafters Inc**  
31785 S. River Road  
HARRISON TOWNSHIP, MI  
US 48045  
Contact: Garrett Cassidy  
michiganyachtservice@gmail.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 40.5	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---

## WEAR METALS

Iron	ppm	■ 52	---	---	---
Copper	ppm	▲ 350	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	50	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	2361	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	770	---	---	---
Phosphorus	ppm	664	---	---	---
Barium	ppm	28	---	---	---
Boron	ppm	209	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VP151756  
**Unique No:** 11103596  
**Signed:** Jonathan Hester  
**Report Date:** 03 Jul 2024

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## GRAPHS

