

# OIL ANALYSIS REPORT

# VOLVO PENTA

**NADINE URUIOLI TRANS BAY CABLE VOLVO PENTA 3 100006023 - STERNDRIVE - STARBOARD GEARBOX**

**Sample No:** VPA053022

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

## SAMPLE INFORMATION

Sample Number	VPA053022	---	---	---
Sample Date	26 Apr 2024	---	---	---
Machine Hours	50	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Helmut's Marine Service

619 Canal Street  
SAN RAFAEL, CA  
US 94901-3545  
Contact: NADINE URUIOLI  
SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

## OIL CONDITION

Visc @ 40°C	cSt	■ 96.15	---	---	---
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## CONTAMINATION

Water	%	■ 0.140	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 17	---	---	---

## 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 a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		■ 31	---	---	---
Iron	ppm	■ 66	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 46	---	---	---
Magnesium	ppm	■ 972	---	---	---
Zinc	ppm	■ 8	---	---	---
Phosphorus	ppm	■ 1517	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 636	---	---	---

**Depot:** VP152741

**Unique No:** 11019145

**Signed:** Doug Bogart

**Report Date:** 08 May 2024

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## GRAPHS

