

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CHRISTOPHER KSIDAKIS PATRICK/5020465250 TWIN DISC 2451754 - INBOARD - STARBOARD GEARBOX**

**Sample No:** VPA055667

**Oil Type:** CHEVRON DELO 400 SAE 30

## SAMPLE INFORMATION

Sample Number	VPA055667	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	113	---	---	---
Oil Hours	113	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
4300 11th Ave. NW  
SEATTLE, WA  
US 98107  
Contact: WILLOW YANARELLA  
service@coastalmarineengine.com  
T: (206)784-3703  
F: (206)784-8823

## OIL CONDITION

Visc @ 40°C	cSt	■ 96.5	---	---	---
-------------	-----	--------	-----	-----	-----

## CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

## 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		■ 26	---	---	---
Iron	ppm	■ 39	---	---	---
Copper	ppm	■ 27	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 2638	---	---	---
Magnesium	ppm	■ 8	---	---	---
Zinc	ppm	■ 856	---	---	---
Phosphorus	ppm	■ 745	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

**Depot:** VP794951  
**Unique No:** 10546302  
**Signed:** Sean Felton  
**Report Date:** 07 Jul 2023

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

