

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**NADINE UCIUOLI 2300819 VOLVO PENTA 3020295844 - STERNDRIVE - CENTER GEARBOX**

**Sample No:** VPA056012

**Oil Type:** GEAR OIL SAE 75W140

## SAMPLE INFORMATION

Sample Number	VPA056012	---	---	---
Sample Date	06 Jul 2023	---	---	---
Machine Hours	5647	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Helmut's Marine Service

619 Canal Street

SAN RAFAEL, CA

US 94901-3545

Contact: NADINE URCIUOLI

SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

## OIL CONDITION

Visc @ 40°C	cSt	156	---	---	---
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## CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	10	---	---	---
Potassium	ppm	1	---	---	---

## 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		14	---	---	---
Iron	ppm	111	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	93	---	---	---
Zinc	ppm	30	---	---	---
Phosphorus	ppm	1916	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	82	---	---	---

**Depot:** VP152741

**Unique No:** 10560285

**Signed:** Don Baldrige

**Report Date:** 17 Jul 2023

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## GRAPHS

