

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**GREG ELLIS KOHLER 336KGMXJ0005 - CENTER GENSET**

**Sample No:** VPA059510

**Oil Type:** DIESEL ENGINE OIL SAE 5W40

## SAMPLE INFORMATION

Sample Number	VPA059510	---	---	---
Sample Date	26 Feb 2024	---	---	---
Machine Hours	128	---	---	---
Oil Hours	128	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Base Number (BN)	mg KOH/g	█ 8.8	---	---	---
Oxidation (PA)	%	64	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 2	---	---	---

## WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 49	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	█ 930	---	---	---
Magnesium	ppm	█ 948	---	---	---
Zinc	ppm	█ 1124	---	---	---
Phosphorus	ppm	█ 994	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 81	---	---	---

### Galati Yacht Sales LLC

900 S. BAY BLVD., PO Box 862

ANNA MARIA, FL

US 34216

Contact: RICK HERNY

rherny@galatiyachts.com

T: (727)576-8336

F:

### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP648685

**Unique No:** 10910347

**Signed:** Sean Felton

**Report Date:** 05 Mar 2024

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

