

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**CARR/584826 312 ONAN A200712092 - PORT GENSET**

**Sample No:** VPA044724

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

## SAMPLE INFORMATION

Sample Number	VPA044724	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	624	---	---	---
Oil Hours	115	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Galati Yacht Sales LLC

900 S. BAY BLVD., PO Box 862

ANNA MARIA, FL

US 34216

Contact: ERIC STAMMER

estammer@galatiyachts.com

T: (941)778-0755

F:

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.1	---	---	---
Base Number (BN)	mg KOH/g	█ 9.5	---	---	---
Oxidation (PA)	%	61	---	---	---

## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

## WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1079	---	---	---
Magnesium	ppm	█ 911	---	---	---
Zinc	ppm	█ 1185	---	---	---
Phosphorus	ppm	█ 982	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 3	---	---	---

**Depot:** VP648685

**Unique No:** 10724908

**Signed:** Jonathan Hester

**Report Date:** 03 Nov 2023

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

