

# OIL ANALYSIS REPORT

# VOLVO PENTA

**ERIC SWANSON 44589 VOLVO PENTA A1082824 - PORT DIESEL ENGINE**

**Sample No:** VPA036161

**Oil Type:** VOLVO PENTA SAE 15W40

## SAMPLE INFORMATION

Sample Number	VPA036161	VPA048121	---	---
Sample Date	19 Mar 2024	04 Apr 2023	---	---
Machine Hours	624	464	---	---
Oil Hours	160	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	█ 13.4	---	---
Base Number (BN)	mg KOH/g	█ 9.4	█ 9.7	---	---
Oxidation (PA)	%	57	59	---	---

## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.3	█ 0.3	---	---
Nitration (PA)	%	53	59	---	---
Sulfation (PA)	%	53	54	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 6	█ 7	---	---
Sodium	ppm	█ <1	█ 1	---	---
Potassium	ppm	█ 1	█ 0	---	---

## WEAR METALS

Iron	ppm	█ 17	█ 25	---	---
Copper	ppm	█ 8	█ 14	---	---
Lead	ppm	█ 2	█ 2	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 2	█ 5	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 64	█ 58	---	---
Nickel	ppm	█ 2	█ 3	---	---
Titanium	ppm	█ <1	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 1128	█ 1129	---	---
Magnesium	ppm	█ 971	█ 907	---	---
Zinc	ppm	█ 1261	█ 1241	---	---
Phosphorus	ppm	█ 1090	█ 998	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 2	█ 2	---	---

## COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

T:

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:** VP568144

**Unique No:** 10940235

**Signed:** Don Baldrige

**Report Date:** 25 Mar 2024

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

