

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MICHAEL COHEN R201003750 VOLVO PENTA A361183 - PORT DIESEL ENGINE**

**Sample No:** VPA055382

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA055382	VPA055597	---	---
Sample Date	03 Nov 2023	20 Sep 2023	---	---
Machine Hours	1105	1095	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	█ 14.7	---	---
Base Number (BN)	mg KOH/g	█ 10.1	█ 7.4	---	---
Oxidation (PA)	%	58	82	---	---

## CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.2	---	---
Nitration (PA)	%	44	78	---	---
Sulfation (PA)	%	52	60	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ 9	█ <1	---	---
Potassium	ppm	█ 3	█ 9	---	---

## WEAR METALS

Iron	ppm	█ 13	█ 13	---	---
Copper	ppm	█ 4	█ 9	---	---
Lead	ppm	█ 1	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	▲ 23	█ 2	---	---
Chromium	ppm	█ 3	█ <1	---	---
Molybdenum	ppm	█ 50	█ <1	---	---
Nickel	ppm	█ <1	█ 2	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	<1	█ <1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 1231	█ 2218	---	---
Magnesium	ppm	█ 821	█ 11	---	---
Zinc	ppm	█ 1137	█ 1201	---	---
Phosphorus	ppm	█ 865	█ 1016	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 26	█ 198	---	---

### COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD  
CHARLESTON, SC  
US 29403  
Contact: STEVE VASAS  
steve@ccyachtsales.com

T:  
F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates. The aluminum level is abnormal. All other 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.

**Depot:** VP568144  
**Unique No:** 10729705  
**Signed:** Angela Borella  
**Report Date:** 07 Dec 2023

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## GRAPHS

