

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## CHESAPEAKE YACHT CENTER VOLVO PENTA 3200006810 - PORT IPS

Sample No: VPA058371

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA058371	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	37	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Outstanding Marine

PO Box 274  
GALENA, MD  
US 21635  
Contact: Ronda Bolinger  
rlwb@verizon.net  
T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 100.2	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 8	---	---	---

### 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		■ 15	---	---	---
Iron	ppm	■ 16	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	42	---	---	---
Magnesium	ppm	1023	---	---	---
Zinc	ppm	17	---	---	---
Phosphorus	ppm	1631	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	619	---	---	---

Depot: VP153685  
Unique No: 11047670  
Signed: Doug Bogart  
Report Date: 24 May 2024

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## GRAPHS

