

# OIL ANALYSIS REPORT

# VOLVO PENTA

**SEAWARD MARINE R104018188 VOLVO PENTA 3950012270 - IPS**

**Sample No:** VPA029821

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA029821	---	---	---
Sample Date	08 Jul 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**Western Branch Diesel, Inc. - VP527273**

3504 SHIPWRIGHT ST  
PORTSMOUTH, VA  
US 23703

Contact: GEORGE ROGIC  
grogic@wbdiesel.com

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## OIL CONDITION

Visc @ 40°C	cSt	■ 98.0	---	---	---
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## CONTAMINATION

Water	%	▲ 0.915	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	● 50	---	---	---
Potassium	ppm	■ 4	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is milky. There is a moderate concentration of water present in the oil. The high sodium (Na) level indicates the possible presence of salt water. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	■ 20	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 40	---	---	---
Magnesium	ppm	■ 558	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 1599	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	99	---	---	---

**Depot:** VP155396

**Unique No:** 11116071

**Signed:** Sean Felton

**Report Date:** 12 Jul 2024

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PENTA**

## GRAPHS

