

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3101109722 - INBOARD - PORT GEARBOX

Sample No: VPA046149

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA046149	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### Monmouth Marine Engines Inc

536 UNION LN

BRIELLE, NJ

US 08730-1421

Contact: Laura Clarkin

monmouthmarine@gmail.com

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### OIL CONDITION

Visc @ 40°C	cSt	■ 70.94	---	---	---
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### CONTAMINATION

Water	%	■ 0.077	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		● 317	---	---	---
Iron	ppm	● 454	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	● 30	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 10	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	28	---	---	---
Phosphorus	ppm	566	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	48	---	---	---

### Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. Gear wear is indicated. There is a trace of moisture present in the oil. No other contaminants were detected in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153457

Unique No: 10742552

Signed: Doug Bogart

Report Date: 15 Nov 2023

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## GRAPHS

