

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940019091 - PORT IPS

Sample No: VPA055279

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA055279	---	---	---
Sample Date	25 Jan 2024	---	---	---
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: Kenneth Mika

monmouthmarine@gmail.com

T: x:

F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	● 1.60	---	---	---
Silicon	ppm	▲ 19	---	---	---
Sodium	ppm	▲ 130	---	---	---
Potassium	ppm	■ 6	---	---	---

WEAR METALS

PQ		■ 26	---	---	---
Iron	ppm	▲ 443	---	---	---
Copper	ppm	■ 28	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	45	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	29	---	---	---
Phosphorus	ppm	1159	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	258	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. The high sodium (Na) level indicates the possible presence of salt water. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP153457

Unique No: 10848628

Signed: Jonathan Hester

Report Date: 30 Jan 2024

OIL ANALYSIS REPORT

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GRAPHS

