

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940019092 - STARBOARD IPS

Sample No: VPA055152

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA055152	---	---	---
Sample Date	25 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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	■ 102	---	---	---
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CONTAMINATION

Water	%	▲ 0.282	---	---	---
Silicon	ppm	■ 21	---	---	---
Sodium	ppm	■ 37	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated.

There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 60	---	---	---
Iron	ppm	▲ 465	---	---	---
Copper	ppm	■ 27	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	11	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	1159	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	231	---	---	---

Depot: VP153457

Unique No: 10848629

Signed: Jonathan Hester

Report Date: 30 Jan 2024

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GRAPHS

