

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA HS 1A - INBOARD (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA044909

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA044909	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---

Monmouth Marine Engines Inc

536 UNION LN

BRIELLE, NJ

US 08730-1421

Contact: Laura Clarkin

monmouthmarine@gmail.com

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 107.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 41	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

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

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		■ 12	---	---	---
Iron	ppm	▲ 188	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	157	---	---	---
Phosphorus	ppm	1338	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	175	---	---	---

Depot: VP153457

Unique No: 10742551

Signed: Doug Bogart

Report Date: 15 Nov 2023

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GRAPHS

