

OIL ANALYSIS REPORT

**VOLVO
PENTA**

CATERPILLAR 36S02048 - INBOARD - PORT GEARBOX

Sample No: VPA044907

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA044907	---	---	---
Sample Date	07 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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	■ 102	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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		■ 15	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 40	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	71	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2226	---	---	---
Magnesium	ppm	89	---	---	---
Zinc	ppm	1174	---	---	---
Phosphorus	ppm	1024	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	61	---	---	---

Depot: VP153457

Unique No: 10592772

Signed: Don Baldrige

Report Date: 11 Aug 2023

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GRAPHS

