

OIL ANALYSIS REPORT

VOLVO PENTA

VPA043067 (S/N NOT GIVEN) - GEARBOX

Sample No: VPA043067

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA043067	---	---	---
Sample Date	28 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

Viking Boat Harbor Inc

1121 S. Islington Rd.

CEDARVILLE, MI

US 49719

Contact: Steve Honnila

stevehonnila@gmail.com

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OIL CONDITION

Visc @ 40°C	cSt	■ 104.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	▲ 468	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 29	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	47	---	---	---
Magnesium	ppm	33	---	---	---
Zinc	ppm	53	---	---	---
Phosphorus	ppm	1602	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	329	---	---	---

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. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP155388

Unique No: 11049937

Signed: Jonathan Hester

Report Date: 05 Jun 2024

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GRAPHS

