

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID BARBBO VOLVO PENTA 20017321 - INBOARD - STARBOARD GEARBOX

Sample No: VPA041107

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA041107	---	---	---
Sample Date	28 Jan 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 27	---	---	---
Iron	ppm	■ 68	---	---	---
Copper	ppm	▲ 141	---	---	---
Lead	ppm	▲ 50	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	▲ 68	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1825	---	---	---
Magnesium	ppm	347	---	---	---
Zinc	ppm	1068	---	---	---
Phosphorus	ppm	931	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	77	---	---	---

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HARRISON TOWNSHIP, MI
US 48045
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T:
F:

Diagnosis

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. The aluminum level is abnormal. Clutch and/or bushing/bearing 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. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP151756
Unique No: 10312029
Signed: Doug Bogart
Report Date: 30 Jan 2023

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GRAPHS

