

OIL ANALYSIS REPORT

VOLVO PENTA

ZAHORIK VOLVO PENTA 4202023704 - STERNDRIVE - PORT GEARBOX

Sample No: VPA058103
Oil Type: VOLVO PENTA GEAR LUBE

SAMPLE INFORMATION

Sample Number	VPA058103	---	---	---
Sample Date	28 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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3 E MADISON ST
WAUKEGAN, IL
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T: (847)336-2628
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 109	---	---	---
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CONTAMINATION

Water	%	▲ 1.42	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	● 395	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 9	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	58	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	1473	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	203	---	---	---

Diagnosis

We advise that you check for the source of water entry. 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. Gear wear is indicated. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP1174336
Unique No: 11056420
Signed: Don Baldrige
Report Date: 31 May 2024

OIL ANALYSIS REPORT



GRAPHS

