

OIL ANALYSIS REPORT

VOLVO PENTA

WOLFE 11033 GROVE - SAIL DRIVE (S/N NOT GIVEN) - GEARBOX

Sample No: VPA051202

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA051202	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 69.2	---	---	---
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CONTAMINATION

Water	%	● 2.35	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 71	---	---	---
Copper	ppm	▲ 219	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	4	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1449	---	---	---
Magnesium	ppm	548	---	---	---
Zinc	ppm	934	---	---	---
Phosphorus	ppm	921	---	---	---
Barium	ppm	9	---	---	---
Boron	ppm	66	---	---	---

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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. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP99374244
Unique No: 10896914
Signed: Sean Felton
Report Date: 26 Feb 2024

OIL ANALYSIS REPORT



GRAPHS

