

OIL ANALYSIS REPORT

VOLVO PENTA

TY VAN WAVEREN JAY POWW ZF 17613L - INBOARD GEARBOX

Sample No: VPA051120

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA051120	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	692	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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US 78406

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 94.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 31	---	---	---
Iron	ppm	■ 33	---	---	---
Copper	ppm	▲ 525	---	---	---
Lead	ppm	▲ 495	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	85	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2495	---	---	---
Magnesium	ppm	28	---	---	---
Zinc	ppm	1055	---	---	---
Phosphorus	ppm	1155	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	6	---	---	---

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. Please specify the brand, type, and viscosity of the oil on your next sample. Copper and lead ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 100 range, advise investigate. Confirm oil type. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP1224184

Unique No: 10842633

Signed: Angela Borella

Report Date: 23 Jan 2024

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GRAPHS

