

OIL ANALYSIS REPORT

**VOLVO
PENTA**

TY VAN WAVEREN JAY POWW ZF 17812L - STERNDRIVE - INBOARD GEARBOX

Sample No: VPA051115

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA051115	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	754	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STEWART & STEVENSON FDFA LLC

6530 AGNES ST
CORPUS CHRISTI, TX
US 78406

Contact: ARNOLD PAL
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 95.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 8	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	▲ 390	---	---	---
Lead	ppm	▲ 588	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	83	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2413	---	---	---
Magnesium	ppm	53	---	---	---
Zinc	ppm	1125	---	---	---
Phosphorus	ppm	1072	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	11	---	---	---

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. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP1224184

Unique No: 10842632

Signed: Angela Borella

Report Date: 23 Jan 2024

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GRAPHS

