

OIL ANALYSIS REPORT

VOLVO PENTA

AMY RHEAMME VOLVO PENTA 51220294055 - INBOARD GEARBOX

Sample No: VPA051231

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA051231	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	296	---	---	---
Oil Hours	40	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 26.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 28	---	---	---
Iron	ppm	■ 82	---	---	---
Copper	ppm	■ 48	---	---	---
Lead	ppm	▲ 490	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 49	---	---	---
Magnesium	ppm	■ 53	---	---	---
Zinc	ppm	■ 279	---	---	---
Phosphorus	ppm	■ 355	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	■ 39	---	---	---

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead level is abnormal. Suspect lead is normal for component type. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP255663
Unique No: 10966496
Signed: Doug Bogart
Report Date: 09 Apr 2024

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GRAPHS

