

OIL ANALYSIS REPORT

**VOLVO
PENTA**

MICHACCINO 2001971 - INBOARD GEARBOX

Sample No: VPA056897
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA056897	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	843	---	---	---
Oil Hours	71	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 93.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 45	---	---	---
Iron	ppm	■ 62	---	---	---
Copper	ppm	● 423	---	---	---
Lead	ppm	● 200	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 85	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ < 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2358	---	---	---
Magnesium	ppm	■ 163	---	---	---
Zinc	ppm	■ 946	---	---	---
Phosphorus	ppm	■ 864	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 8	---	---	---

The Talaria Company

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Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Clutch 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: VP592286
Unique No: 10751877
Signed: Jonathan Hester
Report Date: 22 Nov 2023

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GRAPHS

