

OIL ANALYSIS REPORT

VOLVO PENTA

SAMBA 20043257 - INBOARD GEARBOX

Sample No: VPA056895
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA056895	VPA044661	---	---
Sample Date	03 Nov 2023	02 Nov 2022	---	---
Machine Hours	769	537	---	---
Oil Hours	233	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ATTENTION	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 79.3	■ 63.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 4	■ 4	---	---
Sodium	ppm	■ 0	■ 2	---	---
Potassium	ppm	■ 3	■ <1	---	---

WEAR METALS

PQ		■ 29	■ 32	---	---
Iron	ppm	■ 28	■ 19	---	---
Copper	ppm	■ 82	▲ 124	---	---
Lead	ppm	■ 55	▲ 70	---	---
Tin	ppm	■ 3	■ 6	---	---
Aluminum	ppm	■ 1	■ 2	---	---
Chromium	ppm	■ 0	<1	---	---
Molybdenum	ppm	■ 97	37	---	---
Nickel	ppm	■ 0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 0	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 2495	2264	---	---
Magnesium	ppm	■ 39	61	---	---
Zinc	ppm	■ 1120	1062	---	---
Phosphorus	ppm	■ 1012	969	---	---
Barium	ppm	■ 0	0	---	---
Boron	ppm	■ 34	48	---	---

The Talaria Company

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Diagnosis

Resample at the next service interval to monitor. All 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: VP592286
Unique No: 10751874
Signed: Jonathan Hester
Report Date: 22 Nov 2023

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GRAPHS

