

OIL ANALYSIS REPORT

**VOLVO
PENTA**

SERENITY 10072 S10059 - GEARBOX

Sample No: VPA058111
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA058111	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	209	---	---	---
Oil Hours	25	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 90.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 11	---	---	---
Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 118	---	---	---
Lead	ppm	▲ 94	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 111	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2656	---	---	---
Magnesium	ppm	45	---	---	---
Zinc	ppm	■ 1209	---	---	---
Phosphorus	ppm	■ 1090	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 8	---	---	---

The Talaria Company

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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. 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: VP592286
Unique No: 10722979
Signed: Don Baldrige
Report Date: 01 Nov 2023

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GRAPHS

