

OIL ANALYSIS REPORT

**VOLVO
PENTA**

RESOLUTION 4287 20070810 - INBOARD - CENTER GEARBOX

Sample No: VPA047813

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA047813	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	656	---	---	---
Oil Hours	18	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 86.26	---	---	---
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CONTAMINATION

Water	%	■ 0.134	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 14	---	---	---
Copper	ppm	■ 86	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminium	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 94	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 2071	---	---	---
Magnesium	ppm	■ 182	---	---	---
Zinc	ppm	■ 1100	---	---	---
Phosphorus	ppm	■ 1017	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 121	---	---	---

The Talaria Company

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP592286

Unique No: 11102177

Signed: Doug Bogart

Report Date: 28 Jun 2024

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GRAPHS

