

OIL ANALYSIS REPORT

VOLVO PENTA

PRECIOUS TIME 10072 20400857 - INBOARD - STARBOARD GEARBOX

Sample No: VPA058715

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA058715	VPA046388	---	---
Sample Date	14 Dec 2023	29 Dec 2022	---	---
Machine Hours	144	79	---	---
Oil Hours	65	79	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 85.1	■ 82.4	---	---
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CONTAMINATION

Water	%	■ NEG	■ NEG	---	---
Silicon	ppm	■ 5	■ 6	---	---
Sodium	ppm	■ 0	■ 6	---	---
Potassium	ppm	■ 2	■ 0	---	---

WEAR METALS

PQ		■ 16	■ 12	---	---
Iron	ppm	■ 10	■ 11	---	---
Copper	ppm	■ 187	■ 189	---	---
Lead	ppm	■ <1	■ <1	---	---
Tin	ppm	■ 1	■ 0	---	---
Aluminum	ppm	■ 3	■ 3	---	---
Chromium	ppm	■ <1	■ 0	---	---
Molybdenum	ppm	■ 101	■ 82	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	■ <1	■ 0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ <1	■ <1	---	---
Vanadium	ppm	■ 0	■ 0	---	---

ADDITIVES

Calcium	ppm	■ 2127	■ 1436	---	---
Magnesium	ppm	■ 188	■ 350	---	---
Zinc	ppm	■ 1044	■ 765	---	---
Phosphorus	ppm	■ 941	■ 724	---	---
Barium	ppm	■ 9	■ <1	---	---
Boron	ppm	■ 74	■ 145	---	---

The Talaria Company

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F: x:

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: 10794846

Signed: Angela Borella

Report Date: 21 Dec 2023

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GRAPHS

