

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**BLUE BIRD 10072 2147851 - INBOARD - STARBOARD GEARBOX**

**Sample No:** VPA059858

**Oil Type:** SHELL ROTELLA T 30

## SAMPLE INFORMATION

Sample Number	VPA059858	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	983	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 96.7	---	---	---
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## CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

## WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	■ 121	---	---	---
Copper	ppm	■ 38	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 114	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 2760	---	---	---
Magnesium	ppm	■ 19	---	---	---
Zinc	ppm	■ 1202	---	---	---
Phosphorus	ppm	■ 1026	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 2	---	---	---

### 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:** 10768647

**Signed:** Don Baldrige

**Report Date:** 06 Dec 2023

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## GRAPHS

