

# OIL ANALYSIS REPORT

# VOLVO PENTA

## SUMNER ROAD 5GA656 - INBOARD - CENTER GEARBOX

Sample No: VPA059677  
Oil Type: SHELL ROTELLA T 30

### SAMPLE INFORMATION

Sample Number	VPA059677	VPA056964	---	---
Sample Date	30 Nov 2023	02 Feb 2023	---	---
Machine Hours	922	896	---	---
Oil Hours	27	34	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	SEVERE	NORMAL	---	---

### OIL CONDITION

Visc @ 40°C	cSt	87.1	92.1	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	4	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	2	2	---	---

### WEAR METALS

PQ		20	12	---	---
Iron	ppm	5	5	---	---
Copper	ppm	249	103	---	---
Lead	ppm	171	70	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	117	110	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	2705	2418	---	---
Magnesium	ppm	33	48	---	---
Zinc	ppm	1189	1028	---	---
Phosphorus	ppm	1118	964	---	---
Barium	ppm	0	0	---	---
Boron	ppm	7	0	---	---

### The Talaria Company

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### Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Clutch wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP592286  
Unique No: 10779519  
Signed: Jonathan Hester  
Report Date: 14 Dec 2023

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## GRAPHS

