

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**REED KOCH 502043 CATERPILLAR 5T9172 - INBOARD - PORT GEARBOX**

**Sample No:** VPA056878

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA056878	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	5511	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	■ 89.3	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Clutch wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		■ 37	---	---	---
Iron	ppm	■ 27	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	▲ 84	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	49	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	3717	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	1179	---	---	---
Phosphorus	ppm	1049	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	496	---	---	---

**Depot:** VP794951  
**Unique No:** 10564853  
**Signed:** Jonathan Hester  
**Report Date:** 24 Jul 2023

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## GRAPHS

