

# OIL ANALYSIS REPORT

# VOLVO PENTA

**R5-7417 6610421065 - TRANSMISSION (AUTO)**

**Sample No:** VPA055963

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA055963	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	37.4	---	---	---
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## CONTAMINATION

Silicon	ppm	▲ 26	---	---	---
Sodium	ppm	■ 57	---	---	---
Potassium	ppm	■ 5	---	---	---

## WEAR METALS

PQ		■ 4	---	---	---
Iron	ppm	▲ 372	---	---	---
Copper	ppm	■ 114	---	---	---
Lead	ppm	■ 29	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 57	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	35	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	103	---	---	---
Phosphorus	ppm	243	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	23	---	---	---

**ABC TRANSMISSIONS LTD**  
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## Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate concentration of dirt present in the fluid. High amount of ingressed dirt has caused abrasive wear to the component. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** ABC935SUR  
**Unique No:** 5630828  
**Signed:** Kevin Marson  
**Report Date:** 23 Aug 2023

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## GRAPHS

