

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MATT BOHERT 6204 VOLVO PENTA DREVP 3010290029 - STERNDRIVE - PORT GEARBOX**

**Sample No:** VPA045944

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA045944	---	---	---
Sample Date	07 Aug 2023	---	---	---
Machine Hours	2356	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 103	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 29	---	---	---
Potassium	ppm	■ <1	---	---	---

## WEAR METALS

PQ		■ 44	---	---	---
Iron	ppm	● 317	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	■ 10	---	---	---
Magnesium	ppm	43	---	---	---
Zinc	ppm	■ 5	---	---	---
Phosphorus	ppm	■ 1439	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 368	---	---	---

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## Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear 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:** VP759009  
**Unique No:** 10592286  
**Signed:** Jonathan Hester  
**Report Date:** 11 Aug 2023

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## GRAPHS

