

OIL ANALYSIS REPORT

**VOLVO
PENTA**

COSGROVE VOLVO PENTA 3940022580 - INBOARD - PORT IPS

Sample No: VPA056231

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056231	---	---	---
Sample Date	29 Mar 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	90	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 105	---	---	---
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CONTAMINATION

Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 43	---	---	---
Iron	ppm	● 402	---	---	---
Copper	ppm	▲ 27	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	5	---	---	---
Phosphorus	ppm	1326	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	227	---	---	---

Outstanding Marine

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T:
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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. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP153685
Unique No: 10413996
Signed: Doug Bogart
Report Date: 07 Apr 2023

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GRAPHS

