

# OIL ANALYSIS REPORT

# VOLVO PENTA

## COSGROVE VOLVO PENTA 3940022580 - INBOARD - STARBOARD GEARBOX

Sample No: VPA021825

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA021825	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	50	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 104.0	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 61	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1378	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	333	---	---	---

### Outstanding Marine

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### Diagnosis

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

Depot: VP153685  
Unique No: 10729224  
Signed: Doug Bogart  
Report Date: 07 Nov 2023

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## GRAPHS

