

# OIL ANALYSIS REPORT

# VOLVO PENTA

**PRU 6267 ZF/VOLVO PENTA 51230089296 - INBOARD V-DRIVE - STARBOARD GEARBOX**

**Sample No:** VPA05939300  
**Oil Type:** UNKNOWN OEM

## SAMPLE INFORMATION

Sample Number	VPA05939300	---	---	---
Sample Date	16 May 2023	---	---	---
Machine Hours	7	---	---	---
Oil Hours	7	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 35.0	---	---	---
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## CONTAMINATION

Silicon	ppm	▲ 32	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

## WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 26	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	97	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	18	---	---	---
Phosphorus	ppm	242	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	129	---	---	---

### Marine Max, Inc.

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Clearwater, FL  
US 33764  
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### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

**Depot:** VP841065  
**Unique No:** 10629912  
**Signed:** Sean Felton  
**Report Date:** 01 Sep 2023

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## GRAPHS

