

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BERNSTIEN VOLVO PENTA 3200004395 - STARBOARD IPS

Sample No: VPA059580

Oil Type: VOLVO API GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA059580	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	85	---	---	---
Oil Hours	85	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Strong's Water Club & Marina LLC**  
PO BOX 1409  
MATTITUCK, NY  
US 11952  
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### OIL CONDITION

Visc @ 40°C	cSt	■ 99.8	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 12	---	---	---

### Diagnosis

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.

### WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 25	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 31	---	---	---
Magnesium	ppm	■ 895	---	---	---
Zinc	ppm	■ 2	---	---	---
Phosphorus	ppm	■ 1510	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 554	---	---	---

**Depot:** VP930782  
**Unique No:** 10847395  
**Signed:** Don Baldrige  
**Report Date:** 28 Jan 2024

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## GRAPHS

