

# OIL ANALYSIS REPORT

# VOLVO PENTA

## CHANGE VOLVO PENTA 3950002655 - STARBOARD IPS

**Sample No:** VPA056259  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA056259	---	---	---
Sample Date	27 Jun 2023	---	---	---
Machine Hours	538	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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ANNAPOLIS, MD  
US 21401  
Contact: Service Manager  
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T: (410)507-3542  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 15	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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		█ 17	---	---	---
Iron	ppm	█ 91	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 13	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 94	---	---	---
Phosphorus	ppm	█ 1408	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 319	---	---	---

**Depot:** VP1298996  
**Unique No:** 10538953  
**Signed:** Sean Felton  
**Report Date:** 05 Jul 2023

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## GRAPHS

