

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TERRY BAEHR 43908 VOLVO PENTA 3200001678 - STARBOARD IPS**

**Sample No:** VPA055604

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA055604	VPA041924	---	---
Sample Date	18 Dec 2023	23 Oct 2022	---	---
Machine Hours	309	194	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 99.3	94.9	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	5	---	---
Sodium	ppm	■ 6	■ 7	---	---
Potassium	ppm	■ <1	■ 8	---	---

## WEAR METALS

PQ		■ 20	■ 15	---	---
Iron	ppm	■ 52	■ 36	---	---
Copper	ppm	■ 13	■ 21	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	■ 0	■ <1	---	---
Molybdenum	ppm	■ <1	■ <1	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	<1	0	---	---

## ADDITIVES

Calcium	ppm	■ 13	■ 72	---	---
Magnesium	ppm	■ 77	■ 893	---	---
Zinc	ppm	■ 18	■ 22	---	---
Phosphorus	ppm	■ 1423	■ 1541	---	---
Barium	ppm	■ 0	■ 2	---	---
Boron	ppm	■ 239	■ 533	---	---

## COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD  
CHARLESTON, SC  
US 29403  
Contact: STEVE VASAS  
steve@ccyachtsales.com

T:  
F:

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP568144  
**Unique No:** 10804155  
**Signed:** Jonathan Hester  
**Report Date:** 27 Dec 2023

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PENTA**

## GRAPHS

