

# OIL ANALYSIS REPORT

# VOLVO PENTA

**FRED GUIDRY 43604 VOLVO PENTA 3200000492 - PORT IPS**

**Sample No:** VPA055660

**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5

## SAMPLE INFORMATION

Sample Number	<b>VPA055660</b>	VPA037648	VPA037661	---
Sample Date	<b>08 Sep 2023</b>	18 Apr 2022	16 Sep 2021	---
Machine Hours	<b>427</b>	345	312	---
Oil Hours	<b>0</b>	0	312	---
Oil Changed	<b>Changed</b>	N/A	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## OIL CONDITION

Visc @ 40°C	cSt	<b>105</b>	106	92.3	---
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## CONTAMINATION

Silicon	ppm	<b>2</b>	2	4	---
Sodium	ppm	<b>8</b>	0	2	---
Potassium	ppm	<b>&lt;1</b>	1	5	---

## WEAR METALS

PQ		<b>16</b>	21	25	---
Iron	ppm	<b>98</b>	25	112	---
Copper	ppm	<b>21</b>	5	28	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>7</b>	3	17	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>1</b>	0	2	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>3</b>	1	6	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>12</b>	6	27	---
Magnesium	ppm	<b>23</b>	70	684	---
Zinc	ppm	<b>0</b>	<1	0	---
Phosphorus	ppm	<b>1366</b>	1433	1496	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>230</b>	326	468	---

**COASTAL CAROLINA YACHT SALES**

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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## 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.

**Depot:** VP568144

**Unique No:** 10655544

**Signed:** Jonathan Hester

**Report Date:** 20 Sep 2023

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## GRAPHS

