

# OIL ANALYSIS REPORT

# VOLVO PENTA

**HINKLEY YACHTS 44568 VOLVO PENTA 3950005521 - PORT IPS**

**Sample No:** VPA050899

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

## SAMPLE INFORMATION

Sample Number	<b>VPA050899</b>	VPA037670	---	---
Sample Date	<b>13 Mar 2024</b>	22 Dec 2021	---	---
Machine Hours	<b>542</b>	380	---	---
Oil Hours	<b>35</b>	0	---	---
Oil Changed	<b>Changed</b>	N/A	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

## COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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## OIL CONDITION

Visc @ 40°C	cSt	<b>104</b>	106	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>&lt;1</b>	6	---	---
Sodium	ppm	<b>&lt;1</b>	<1	---	---
Potassium	ppm	<b>1</b>	0	---	---

## 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. Confirm oil type. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		<b>16</b>	21	---	---
Iron	ppm	<b>15</b>	25	---	---
Copper	ppm	<b>0</b>	2	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>0</b>	<1	---	---
Chromium	ppm	<b>0</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	<1	---	---
Nickel	ppm	<b>0</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>0</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---

## ADDITIVES

Calcium	ppm	<b>4</b>	28	---	---
Magnesium	ppm	<b>0</b>	26	---	---
Zinc	ppm	<b>1</b>	10	---	---
Phosphorus	ppm	<b>1163</b>	1426	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>296</b>	386	---	---

**Depot:** VP568144

**Unique No:** 10929999

**Signed:** Don Baldrige

**Report Date:** 20 Mar 2024

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## GRAPHS

