

# OIL ANALYSIS REPORT

# VOLVO PENTA

**LEE BROADWAY 44397 VOLVO PENTA 3940013164 - PORT IPS**

**Sample No:** VPA021751

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

## SAMPLE INFORMATION

Sample Number	VPA021751	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	603	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

## 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	■ 105	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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		■ 42	---	---	---
Iron	ppm	▲ 256	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 25	---	---	---
Phosphorus	ppm	■ 1236	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 316	---	---	---

**Depot:** VP568144

**Unique No:** 10888727

**Signed:** Sean Felton

**Report Date:** 23 Feb 2024

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## GRAPHS

