

# OIL ANALYSIS REPORT

# VOLVO PENTA

**DAVID MATTHEWS 44771 ZF 20410028 - INBOARD - STARBOARD GEARBOX**

**Sample No:** VPA054196

**Oil Type:** SHELL ROTELLA T 30

## SAMPLE INFORMATION

Sample Number	VPA054196	---	---	---
Sample Date	16 Apr 2024	---	---	---
Machine Hours	600	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 86.3	---	---	---
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## CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

## WEAR METALS

PQ		■ 44	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 29	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 109	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 2757	---	---	---
Magnesium	ppm	■ 25	---	---	---
Zinc	ppm	■ 1174	---	---	---
Phosphorus	ppm	■ 1135	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 16	---	---	---

### COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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### Diagnosis

No corrective action is recommended at this time. 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:** 10991706

**Signed:** Sean Felton

**Report Date:** 24 Apr 2024

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## GRAPHS

