

# OIL ANALYSIS REPORT

# VOLVO PENTA

**SPENCER LLOYD 01-80184 ZF 20414852 - INBOARD - GEARBOX**

**Sample No:** VPA041415

**Oil Type:** SAE 30W

## SAMPLE INFORMATION

Sample Number	VPA041415	---	---	---
Sample Date	30 Apr 2024	---	---	---
Machine Hours	100	---	---	---
Oil Hours	30	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Fordham Marine Services Inc**  
1336 University Blvd N  
DO NOT USE, FL  
US 32211-5226  
Contact: Nelson Beau Fordham Jr  
beaufordham@aol.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 80.2	---	---	---
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## CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 1	---	---	---

## 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.

## WEAR METALS

PQ		■ 47	---	---	---
Iron	ppm	■ 55	---	---	---
Copper	ppm	■ 59	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 81	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---

## ADDITIVES

Calcium	ppm	■ 2200	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 875	---	---	---
Phosphorus	ppm	■ 824	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 45	---	---	---

**Depot:** VP152512  
**Unique No:** 11018949  
**Signed:** Don Baldrige  
**Report Date:** 11 May 2024

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## GRAPHS

