

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TROY SCHELL 502718AR WESTERBEKE L01002835VF - GENSET**

**Sample No:** VPA060504

**Oil Type:** DIESEL ENGINE OIL SAE 30

## SAMPLE INFORMATION

Sample Number	VPA060504	---	---	---
Sample Date	15 Mar 2024	---	---	---
Machine Hours	163	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
4300 11th Ave. NW  
SEATTLE, WA  
US 98107  
Contact: WILLOW YANARELLA  
service@coastalmarineengine.com  
T: (206)784-3703  
F: (206)784-8823

## OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 6.6	---	---	---
Oxidation (PA)	%	74	---	---	---

## 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	76	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 4	---	---	---

## WEAR METALS

Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 28	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 11	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	25	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1895	---	---	---
Magnesium	ppm	█ 212	---	---	---
Zinc	ppm	█ 1115	---	---	---
Phosphorus	ppm	█ 919	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 99	---	---	---

**Depot:** VP794951  
**Unique No:** 10941495  
**Signed:** Don Baldrige  
**Report Date:** 27 Mar 2024

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

