

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**MAVERICK YACHT 201003990 VOLVO PENTA 20132211606 - PORT DIESEL ENGINE**

**Sample No:** VPA053621

**Oil Type:** DIESEL ENGINE OIL SAE 15W40

## SAMPLE INFORMATION

Sample Number	VPA053621	---	---	---
Sample Date	09 Jul 2024	---	---	---
Machine Hours	751	---	---	---
Oil Hours	200	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

## WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: CHRIS BRADSHAW

cbradshaw@wbdiesel.com

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## OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 8.9	---	---	---
Oxidation (PA)	%	56	---	---	---

## 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 %	%	█ 0.4	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 8	---	---	---

## WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 56	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1119	---	---	---
Magnesium	ppm	█ 941	---	---	---
Zinc	ppm	█ 1280	---	---	---
Phosphorus	ppm	█ 1098	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

**Depot:** VP1165983

**Unique No:** 11115395

**Signed:** Don Baldrige

**Report Date:** 11 Jul 2024

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## GRAPHS

