

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**MICHEAL MAGNAN 6546 WESTERBEKE 8.0 BTD 92124-0110 - GENSET**

**Sample No:** VPA051562

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA051562	---	---	---
Sample Date	17 Feb 2024	---	---	---
Machine Hours	1185	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Northwest Diesel Power**  
1325 ROEDER AVE SUITE 103  
BELLINGHAM, WA  
US 98225  
Contact: BRANDON ROBERTSON  
parts@nwdieselpower.com  
T:  
F:

## OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	8.1	---	---	---
Oxidation (PA)	%	51	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

## 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 suitable for further service.

## WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	15	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	< 1	---	---	---

## ADDITIVES

Calcium	ppm	1586	---	---	---
Magnesium	ppm	607	---	---	---
Zinc	ppm	942	---	---	---
Phosphorus	ppm	779	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	128	---	---	---

**Depot:** VP759009  
**Unique No:** 10888225  
**Signed:** Sean Felton  
**Report Date:** 22 Feb 2024

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## GRAPHS

