

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BILL COLGROVE 6680 NORTHERN LIGHTS M673L3.3G 6732-5840Z - GENSET**

**Sample No:** VPA060956

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA060956	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	120	---	---	---
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	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	10.3	---	---	---
Oxidation (PA)	%	73	---	---	---

## 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)	%	41	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 2	---	---	---

## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	32	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	1693	---	---	---
Magnesium	ppm	519	---	---	---
Zinc	ppm	873	---	---	---
Phosphorus	ppm	778	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	75	---	---	---

**Depot:** VP759009  
**Unique No:** 11056869  
**Signed:** Sean Felton  
**Report Date:** 31 May 2024

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## GRAPHS

