

# OIL ANALYSIS REPORT

# VOLVO PENTA

**ALFRED CAIN 6273 NORTHERN LIGHTS M673L3.3 6732-43661C - GENSET**

**Sample No:** VPA060158

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA060158	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	392	---	---	---
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	9.6	---	---	---
Oxidation (PA)	%	51	---	---	---

## Diagnosis

No corrective action is recommended at this time. 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.

## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	40	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

## WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1054	---	---	---
Magnesium	ppm	924	---	---	---
Zinc	ppm	1184	---	---	---
Phosphorus	ppm	967	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	29	---	---	---

**Depot:** VP759009  
**Unique No:** 10631752  
**Signed:** Don Baldrige  
**Report Date:** 06 Sep 2023

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## GRAPHS

