

# OIL ANALYSIS REPORT

# VOLVO PENTA

**DAVE DAVENPORT 6748 WESTERBEKE 5.0 BCD 12658-D003 - GENSET**

**Sample No:** VPA052970

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA052970	---	---	---
Sample Date	28 Jun 2024	---	---	---
Machine Hours	948	---	---	---
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	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	█ 9.5	---	---	---
Oxidation (PA)	%	61	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.7	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## 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	█ 23	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	113	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	1502	---	---	---
Magnesium	ppm	679	---	---	---
Zinc	ppm	831	---	---	---
Phosphorus	ppm	689	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	330	---	---	---

**Depot:** VP759009  
**Unique No:** 11109447  
**Signed:** Jonathan Hester  
**Report Date:** 05 Jul 2024

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## GRAPHS

