

# OIL ANALYSIS REPORT

# VOLVO PENTA

**ROD LARDEN 6648 CUMMINS/ONAN 29MDKDS-8124A F200775134 - GENSET**

**Sample No:** VPA060958

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA060958	---	---	---
Sample Date	30 Apr 2024	---	---	---
Machine Hours	12	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.98	---	---	---
Base Number (BN)	mg KOH/g	█ 8.2	---	---	---
Oxidation (PA)	%	69	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	63	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

## WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	53	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	1467	---	---	---
Magnesium	ppm	615	---	---	---
Zinc	ppm	1007	---	---	---
Phosphorus	ppm	852	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	61	---	---	---

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## 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.

**Depot:** VP759009  
**Unique No:** 11008124  
**Signed:** Doug Bogart  
**Report Date:** 02 May 2024

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## GRAPHS

