

# OIL ANALYSIS REPORT

# VOLVO PENTA

## ONAN K100172767 - GENSET

Sample No: VPA058668

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA058668	---	---	---
Sample Date	29 Feb 2024	---	---	---
Machine Hours	1487	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 8.3	---	---	---
Oxidation (PA)	%	67	---	---	---

### 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 acceptable for the time in service.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	69	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1158	---	---	---
Magnesium	ppm	812	---	---	---
Zinc	ppm	869	---	---	---
Phosphorus	ppm	698	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	27	---	---	---

**Depot:** VPJONMYA  
**Unique No:** 10912582  
**Signed:** Doug Bogart  
**Report Date:** 06 Mar 2024

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## GRAPHS

