

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## ONAN H160988949 - GENSET

Sample No: VPA021983

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA021983	---	---	---
Sample Date	30 Jan 2024	---	---	---
Machine Hours	900	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	10.1	---	---	---
Oxidation (PA)	%	54	---	---	---

### 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

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	38	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	59	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	993	---	---	---
Magnesium	ppm	961	---	---	---
Zinc	ppm	1200	---	---	---
Phosphorus	ppm	901	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	7	---	---	---

**Depot:** VPJONMYA  
**Unique No:** 10860866  
**Signed:** Doug Bogart  
**Report Date:** 05 Feb 2024

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## GRAPHS

