

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MURRAY MURRAY (S/N NOT GIVEN) - GENSET**

**Sample No:** VPA058306

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA058306	---	---	---
Sample Date	23 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.11	---	---	---
Base Number (BN)	mg KOH/g	█ 8.00	---	---	---
Oxidation (PA)	%	49	---	---	---

## 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)	%	57	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1256	---	---	---
Magnesium	ppm	696	---	---	---
Zinc	ppm	787	---	---	---
Phosphorus	ppm	715	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	91	---	---	---

**Depot:** VP867279

**Unique No:** 10898860

**Signed:** Doug Bogart

**Report Date:** 26 Feb 2024

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## GRAPHS

