

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CATTAN, MIKE CATTAN MIKE NOT GIVEN VPA03681 - CATTAN, MIKE (S/N INFO NOT GIVEN) - GENSET**

**Sample No:** VPA036851

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA036851	---	---	---
Sample Date	08 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Harry's Marine Service LLC

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	8.4	---	---	---
Oxidation (PA)	%	52	---	---	---

## 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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1264	---	---	---
Magnesium	ppm	786	---	---	---
Zinc	ppm	901	---	---	---
Phosphorus	ppm	752	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	83	---	---	---

**Depot:** VP867279

**Unique No:** 10644686

**Signed:** Doug Bogart

**Report Date:** 14 Sep 2023

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## GRAPHS

