

# OIL ANALYSIS REPORT

# VOLVO PENTA

**NATE WESTERBEKE 60681-C712 - GENSET**

**Sample No:** VPA057367

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA057367	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### ALL SYSTEMS MARINE

700 MYRICK ST  
PENSACOLA, FL  
US 32505  
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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 5.4	---	---	---
Oxidation (PA)	%	50	---	---	---

## 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	45	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ 3	---	---	---

## WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	2372	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	1200	---	---	---
Phosphorus	ppm	987	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	126	---	---	---

**Depot:** VP99220003  
**Unique No:** 10927610  
**Signed:** Doug Bogart  
**Report Date:** 15 Mar 2024

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## GRAPHS

