

# OIL ANALYSIS REPORT

# VOLVO PENTA

**NIMA SALESTANI GEOFF/502244 CUMMINS NIMA SALESTANI (S/N N/A) - PORT DIESEL ENGINE**

**Sample No:** VPA036854

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA036854	---	---	---
Sample Date	13 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Endor Marine LLC - Coastal Marine - 152124**  
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## OIL CONDITION

Visc @ 100°C	cSt	█ 14.9	---	---	---
Base Number (BN)	mg KOH/g	█ 7.7	---	---	---
Oxidation (PA)	%	81	---	---	---

## Diagnosis

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

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	82	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---

## WEAR METALS

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 50	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ < 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 1647	---	---	---
Magnesium	ppm	█ 499	---	---	---
Zinc	ppm	█ 858	---	---	---
Phosphorus	ppm	729	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 60	---	---	---

**Depot:** VP794951  
**Unique No:** 10648352  
**Signed:** Sean Felton  
**Report Date:** 19 Sep 2023

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## GRAPHS

