

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GREG SLOAT ALAN VOLVO PENTA A1203256 - CENTER DIESEL ENGINE

Sample No: VPA041333

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA041333	---	---	---
Sample Date	08 Aug 2023	---	---	---
Machine Hours	129	---	---	---
Oil Hours	129	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Precision Marine Center Llc**  
290 Drake Ave  
NEW ROCHELLE, NY  
US 10805  
Contact: Marc Castellano  
marc@precisionmarinecenter.com  
T:  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.6	---	---	---
Oxidation (PA)	%	74	---	---	---

### CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	44	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 3	---	---	---

### 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.

### WEAR METALS

Iron	ppm	█ 16	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1646	---	---	---
Magnesium	ppm	█ 482	---	---	---
Zinc	ppm	█ 1147	---	---	---
Phosphorus	ppm	█ 964	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 64	---	---	---

**Depot:** VP850387  
**Unique No:** 10601859  
**Signed:** Don Baldrige  
**Report Date:** 12 Aug 2023

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## GRAPHS

