

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JOE PLACE R815409M CUMMINS/ONAN JOE PLACE (S/N NOT GIVEN) - GENSET**

**Sample No:** VPA060583

**Oil Type:** SHELL ROTELLA T 15W40

## SAMPLE INFORMATION

Sample Number	VPA060583	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	378	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Power Products Systems LLC**  
432 Warren Avenue, 432 Warren Ave.  
PORTLAND, ME  
US 04103  
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T:  
F:

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	█ 8.9	---	---	---
Oxidation (PA)	%	64	---	---	---

## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
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	█ <1	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

## ADDITIVES

Calcium	ppm	█ 1901	---	---	---
Magnesium	ppm	164	---	---	---
Zinc	ppm	█ 1185	---	---	---
Phosphorus	ppm	█ 995	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 137	---	---	---

**Depot:** VP153549  
**Unique No:** 10724902  
**Signed:** Sean Felton  
**Report Date:** 03 Nov 2023

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## GRAPHS

