

# OIL ANALYSIS REPORT

# VOLVO PENTA

**12502 JESSE JOHN DEERE RG6090L041911 - INDUSTRIAL - GENSET**

**Sample No:** VPA037336

**Oil Type:** DEERE

## SAMPLE INFORMATION

Sample Number	VPA037336	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	236	---	---	---
Oil Hours	4	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 10.0	---	---	---
Oxidation (PA)	%	50	---	---	---

## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	37	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.2	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

## WEAR METALS

Iron	ppm	█ 1	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	72	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1195	---	---	---
Magnesium	ppm	958	---	---	---
Zinc	ppm	1306	---	---	---
Phosphorus	ppm	1054	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	23	---	---	---

### Rutt's Machine Inc.

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T:  
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### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. 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.

**Depot:** VP743218  
**Unique No:** 10632407  
**Signed:** Jonathan Hester  
**Report Date:** 07 Sep 2023

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## GRAPHS

