

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MATT PARENT 7718920 KOHLER 483606 - CENTER GENSET**

**Sample No:** VPA044662

**Oil Type:** DIESEL ENGINE OIL SAE 15W40

## SAMPLE INFORMATION

Sample Number	VPA044662	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	661	---	---	---
Oil Hours	83	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Pacific Power Group - VP981534**

7215 S 228th St

Kent, WA

US 98032

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## OIL CONDITION

Visc @ 100°C	cSt	█ 11.7	---	---	---
Base Number (BN)	mg KOH/g	█ 8.7	---	---	---
Oxidation (PA)	%	43	---	---	---

## 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	44	---	---	---
Sulfation (PA)	%	47	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 1.3	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

## WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 2791	---	---	---
Magnesium	ppm	█ 190	---	---	---
Zinc	ppm	█ 1168	---	---	---
Phosphorus	ppm	█ 954	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 339	---	---	---

**Depot:** VP99031103

**Unique No:** 10888221

**Signed:** Doug Bogart

**Report Date:** 23 Feb 2024

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## GRAPHS

