

# OIL ANALYSIS REPORT



## HAUCK 505907 CUMMINS A180299766 - GENSET

**Sample No:** VPA056312  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

### SAMPLE INFORMATION

Sample Number	VPA056312	VPA042438	---	---
Sample Date	08 Jan 2024	03 Feb 2023	---	---
Machine Hours	325	319	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**Jefferson Beach Yacht Sales Inc**  
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 SAINT CLAIR SHORES, MI  
 US 48080  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.0	█ 13.0	---	---
Base Number (BN)	mg KOH/g	█ 9.7	█ 8.8	---	---
Oxidation (PA)	%	60	67	---	---

### 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

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	41	56	---	---
Sulfation (PA)	%	52	56	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 6	█ 14	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ <1	█ 7	---	---

### WEAR METALS

Iron	ppm	█ 2	█ 6	---	---
Copper	ppm	█ <1	█ 2	---	---
Lead	ppm	█ 0	█ 1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 48	█ 8	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 0	█ 1	---	---
Vanadium	ppm	<1	0	---	---

### ADDITIVES

Calcium	ppm	█ 1212	█ 2163	---	---
Magnesium	ppm	█ 765	█ 128	---	---
Zinc	ppm	█ 1183	█ 1234	---	---
Phosphorus	ppm	█ 977	█ 940	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 37	181	---	---

**Depot:** VP297371  
**Unique No:** 10832025  
**Signed:** Angela Borella  
**Report Date:** 17 Jan 2024

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# VOLVO PENTA

## GRAPHS

