

OIL ANALYSIS REPORT

**VOLVO
PENTA**

DAVE H14762 CUMMINS K130593379 - GENSET

Sample No: VPA036434

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA036434	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Walstrom Marine

501 Bay Street
HARBOR SPRINGS, MI
US 49740

Contact: MARK LEWIS
mlewis@walstrom.com

T:

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.88	---	---	---
Oxidation (PA)	%	63	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 7	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

WEAR METALS

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

ADDITIVES

Calcium	ppm	2144	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	1223	---	---	---
Phosphorus	ppm	999	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	216	---	---	---

Depot: VP154879

Unique No: 10669202

Signed: Doug Bogart

Report Date: 27 Sep 2023

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GRAPHS

