

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BLACKSTONE VOLVO PENTA 21615545 - OUTDRIVE - STARBOARD GEARBOX

Sample No: VPA056735

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA056735	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---

### MAKO MARINE

117 HUDSON AVE

FREEPORT, NY

US 11520

Contact: PAUL FLOOD

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### OIL CONDITION

Visc @ 40°C	cSt	■ 124	---	---	---
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### CONTAMINATION

Water	%	■ 0.088	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	▲ 157	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	4	---	---	---
Phosphorus	ppm	367	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	23	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is a trace of moisture present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1134331

Unique No: 10741652

Signed: Doug Bogart

Report Date: 15 Nov 2023

# OIL ANALYSIS REPORT



## GRAPHS

