

OIL ANALYSIS REPORT

VOLVO PENTA

DAVE SAMPLE ZF 32685N - INBOARD - STARBOARD GEARBOX

Sample No: VPA045501

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045501	---	---	---
Sample Date	11 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Walstrom Marine

501 Bay Street
HARBOR SPRINGS, MI
US 49740
Contact: L. HEVRON
LHEVRON@WALSTOM.COM
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 108	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 6	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 13	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 83	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2334	---	---	---
Magnesium	ppm	■ 37	---	---	---
Zinc	ppm	■ 1315	---	---	---
Phosphorus	ppm	■ 1125	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 103	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP154879
Unique No: 10647673
Signed: Doug Bogart
Report Date: 18 Sep 2023

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GRAPHS

