

# OIL ANALYSIS REPORT

# VOLVO PENTA

## DAVE ZF TRANS NOT GIVEN VPA045571 - INBOARD - STARBOARD GEARBOX

Sample No: VPA045571

Oil Type: ATF

### SAMPLE INFORMATION

Sample Number	VPA045571	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Walstrom Marine - 767948

501 Bay Street  
HARBOR SPRINGS, MI  
US 49740

Contact: MARK LEWIS  
mlewis@walstrom.com

T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 20.2	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

### 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 condition of the oil is acceptable for the time in service.

### WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 28	---	---	---
Copper	ppm	█ 54	---	---	---
Lead	ppm	█ 8	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminium	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 204	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 515	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 291	---	---	---

Depot: VP154879  
Unique No: 10849925  
Signed: Don Baldrige  
Report Date: 31 Jan 2024

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## GRAPHS

