

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## ZF ZF (S/N NOT GIVEN) - PORT TRANSMISSION (AUTO)

**Sample No:** VPA045808

**Oil Type:** NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA045808	---	---	---
Sample Date	09 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### ALL SYSTEMS MARINE

700 MYRICK ST  
PENSACOLA, FL  
US 32505

Contact: TRISTAN JOHNSON  
allsystemsmarine@yahoo.com

T: (228)218-7963

F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 23.8	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---

### 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		■ 24	---	---	---
Iron	ppm	■ 54	---	---	---
Copper	ppm	■ 92	---	---	---
Lead	ppm	■ 27	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	129	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	204	---	---	---
Barium	ppm	9	---	---	---
Boron	ppm	71	---	---	---

**Depot:** VP99220003  
**Unique No:** 10689300  
**Signed:** Don Baldrige  
**Report Date:** 16 Oct 2023

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## GRAPHS

