

# OIL ANALYSIS REPORT

# VOLVO PENTA

## MORARIS ZF 20071132 - PORT TRANSMISSION

Sample No: VPA058144

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA058144	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### BAY MARINE

3 E MADISON ST

WAUKEGAN, IL

US 60085

Contact: NANCY FELHOFER

NANCY.FELHOFER@BAYMARINE.NET

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F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 87.0	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 13	---	---	---
Copper	ppm	■ 120	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 26	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ <1	---	---	---

### ADDITIVES

Calcium	ppm	■ 2619	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 814	---	---	---
Phosphorus	ppm	■ 727	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 19	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VP1174336

Unique No: 10742433

Signed: Sean Felton

Report Date: 17 Nov 2023

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## GRAPHS

