

# OIL ANALYSIS REPORT

# VOLVO PENTA

## LENTSCH - 2001 SEA RAY ZF 20015471 - STARBOARD TRANSMISSION

**Sample No:** VPA036178  
**Oil Type:** SHELL ROTELLA T 30

### SAMPLE INFORMATION

Sample Number	VPA036178	---	---	---
Sample Date	09 Jan 2024	---	---	---
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  
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T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 96.2	---	---	---
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### CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

### Diagnosis

The condition of the oil is acceptable for the time in service. All component wear rates are normal. There is no indication of any contamination in the fluid. The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

### WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 10	---	---	---
Copper	ppm	■ 23	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 110	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

### ADDITIVES

Calcium	ppm	■ 2458	---	---	---
Magnesium	ppm	■ 203	---	---	---
Zinc	ppm	■ 1113	---	---	---
Phosphorus	ppm	■ 947	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 6	---	---	---

**Depot:** VP1174336  
**Unique No:** 10822920  
**Signed:** Doug Bogart  
**Report Date:** 11 Jan 2024

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## GRAPHS

