

# OIL ANALYSIS REPORT

# VOLVO PENTA

## ABRESSCIA 550-44 MERCURY OM959804 - ZEUS POD (S/N OM969804) - STARBOARD GEARBOX

Sample No: VPA059877

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA059877	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 156	---	---	---
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### CONTAMINATION

Water	%	▲ 0.252	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 28	---	---	---
Iron	ppm	▲ 303	---	---	---
Copper	ppm	■ 37	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 36	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	31	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	17	---	---	---
Phosphorus	ppm	199	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

### Outstanding Marine

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GALENA, MD  
US 21635  
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T:  
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### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The iron level is abnormal. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP153685  
Unique No: 10764292  
Signed: Angela Borella  
Report Date: 01 Dec 2023

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## GRAPHS

