

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## MOLDEN-550 NO 102 JAY CUMMINS CUMMINS ZEUS (S/N NOT GIVEN) - PORT GEARBOX

Sample No: VPA059847

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA059847	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### Outstanding Marine

PO Box 274  
GALENA, MD  
US 21635  
Contact: Ronda Bolinger  
rlwb@verizon.net  
T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---

### WEAR METALS

PQ		█ 39	---	---	---
Iron	ppm	▲ 281	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminium	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	36	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	95	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	28	---	---	---
Phosphorus	ppm	259	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	6	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The iron level is abnormal. All other 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.

Depot: VP153685  
Unique No: 10764280  
Signed: Angela Borella  
Report Date: 01 Dec 2023

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## GRAPHS

