

# OIL ANALYSIS REPORT

# VOLVO PENTA

## NOT GIVEN VPA036450 - ZEUS - PORT GEARBOX

**Sample No:** VPA036450  
**Oil Type:** MERCURY 0W30

### SAMPLE INFORMATION

Sample Number	VPA036450	---	---	---
Sample Date	31 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 38.77	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 5	---	---	---

### WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	■ 22	---	---	---
Copper	ppm	▲ 406	---	---	---
Lead	ppm	■ 14	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	49	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	2348	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	800	---	---	---
Phosphorus	ppm	701	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	219	---	---	---

### ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2  
NAPLES, FL  
US 34104  
Contact: KEITH SPICER  
keith\_advanceddiesel@yahoo.com  
T: (239)580-8731  
F:

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper 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:** VPADVNP  
**Unique No:** 10860855  
**Signed:** Doug Bogart  
**Report Date:** 02 Feb 2024

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## GRAPHS

