

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 20142661 - INBOARD - GEARBOX

Sample No: VPA036622

Oil Type: DEXRON III

### SAMPLE INFORMATION

Sample Number	VPA036622	VPA033209	---	---
Sample Date	12 Oct 2023	27 Apr 2022	---	---
Machine Hours	374	326	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 25.4	█ 24.4	---	---
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### CONTAMINATION

Silicon	ppm	█ 4	█ 3	---	---
Sodium	ppm	█ 1	█ <1	---	---
Potassium	ppm	█ 0	█ 0	---	---

### WEAR METALS

PQ		█ 21	█ 20	---	---
Iron	ppm	█ 44	█ 26	---	---
Copper	ppm	▲ 142	▲ 134	---	---
Lead	ppm	▲ 73	▲ 99	---	---
Tin	ppm	█ 2	█ 2	---	---
Aluminum	ppm	█ 4	█ 3	---	---
Chromium	ppm	█ <1	0	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	0	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 85	125	---	---
Magnesium	ppm	█ 3	0	---	---
Zinc	ppm	█ 21	26	---	---
Phosphorus	ppm	█ 182	223	---	---
Barium	ppm	█ 2	0	---	---
Boron	ppm	█ 85	101	---	---

### ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2

NAPLES, FL

US 34104

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### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch wear is indicated. 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: 10699877

Signed: Jonathan Hester

Report Date: 20 Oct 2023

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## GRAPHS

