

OIL ANALYSIS REPORT

**VOLVO
PENTA**

20142663 - INBOARD - GEARBOX

Sample No: VPA036973

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA036973	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	40	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 27.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 54	---	---	---
Copper	ppm	▲ 153	---	---	---
Lead	ppm	■ 12	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	▲ 21	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 85	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 33	---	---	---
Phosphorus	ppm	■ 153	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 61	---	---	---

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2
NAPLES, FL
US 34104
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F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. The copper level is abnormal. 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: 10699876
Signed: Jonathan Hester
Report Date: 20 Oct 2023

OIL ANALYSIS REPORT



GRAPHS

