

OIL ANALYSIS REPORT

VOLVO PENTA

5KE066 - INBOARD - PORT GEARBOX

Sample No: VPA056492

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA056492	---	---	---
Sample Date	02 Apr 2024	---	---	---
Machine Hours	328	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 100.1	---	---	---
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CONTAMINATION

Water	%	▲ 0.234	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 78	---	---	---
Iron	ppm	▲ 209	---	---	---
Copper	ppm	■ 88	---	---	---
Lead	ppm	■ 45	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	78	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2508	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1110	---	---	---
Phosphorus	ppm	1010	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	123	---	---	---

ADVANCED DIESEL

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

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. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal for OEM. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Diagnosis

Depot: VPADVNPAP
Unique No: 10962675
Signed: Doug Bogart
Report Date: 03 Apr 2024

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GRAPHS

