

OIL ANALYSIS REPORT

VOLVO PENTA

20350596 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057389

Oil Type: SAE 40W

SAMPLE INFORMATION

Sample Number	VPA057389	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ADVANCED DIESEL

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

OIL CONDITION

Visc @ 40°C	cSt	■ 74.23	---	---	---
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CONTAMINATION

Water	%	▲ 0.284	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 52	---	---	---
Iron	ppm	■ 133	---	---	---
Copper	ppm	▲ 264	---	---	---
Lead	ppm	■ 13	---	---	---
Tin	ppm	▲ 14	---	---	---
Aluminum	ppm	■ 11	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 37	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 2882	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 891	---	---	---
Phosphorus	ppm	■ 776	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 495	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Gear wear is indicated. Clutch and/or bushing/bearing wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants and wear.

Depot: VPADVNPAP
Unique No: 11009663
Signed: Doug Bogart
Report Date: 03 May 2024

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GRAPHS

