

OIL ANALYSIS REPORT

VOLVO PENTA

20350768 - INBOARD - PORT GEARBOX

Sample No: VPA057386

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA057386	VPA057392	---	---
Sample Date	06 May 2024	01 May 2024	---	---
Machine Hours	365	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	SEVERE	---	---

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	■ 95.02	■ 73.92	---	---
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CONTAMINATION

Water	%	■ 0.186	▲ 0.227	---	---
Silicon	ppm	■ 16	■ 15	---	---
Sodium	ppm	■ 6	■ 4	---	---
Potassium	ppm	■ 2	■ 4	---	---

WEAR METALS

PQ		■ 56	■ 75	---	---
Iron	ppm	■ 154	▲ 222	---	---
Copper	ppm	▲ 244	▲ 428	---	---
Lead	ppm	■ 5	■ 7	---	---
Tin	ppm	▲ 18	▲ 27	---	---
Aluminum	ppm	■ 8	■ 10	---	---
Chromium	ppm	■ 2	■ 2	---	---
Molybdenum	ppm	■ 28	■ 36	---	---
Nickel	ppm	■ <1	■ 1	---	---
Titanium	ppm	■ <1	■ <1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	■ 2	---	---
Vanadium	ppm	<1	<1	---	---

ADDITIVES

Calcium	ppm	4233	■ 2932	---	---
Magnesium	ppm	■ 108	■ 14	---	---
Zinc	ppm	■ 1427	■ 916	---	---
Phosphorus	ppm	■ 1196	■ 793	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 293	■ 496	---	---

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPADV NAP

Unique No: 11019142

Signed: Doug Bogart

Report Date: 08 May 2024

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GRAPHS

