

OIL ANALYSIS REPORT

VOLVO PENTA

20350596 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057381

Oil Type: SAE 40W

SAMPLE INFORMATION

Sample Number	VPA057381	VPA057389	---	---
Sample Date	06 May 2024	01 May 2024	---	---
Machine Hours	365	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2
NAPLES, FL
US 34104
Contact: KEITH SPICER
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OIL CONDITION

Visc @ 40°C	cSt	█ 94.98	█ 74.23	---	---
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CONTAMINATION

Water	%	█ 0.192	▲ 0.284	---	---
Silicon	ppm	█ 11	█ 15	---	---
Sodium	ppm	█ 3	█ 3	---	---
Potassium	ppm	█ 2	█ 4	---	---

WEAR METALS

PQ		█ 42	█ 52	---	---
Iron	ppm	█ 64	█ 133	---	---
Copper	ppm	█ 102	▲ 264	---	---
Lead	ppm	█ 6	█ 13	---	---
Tin	ppm	█ 6	▲ 14	---	---
Aluminum	ppm	█ 6	█ 11	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 25	█ 37	---	---
Nickel	ppm	█ <1	█ 1	---	---
Titanium	ppm	█ <1	█ <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	█ 2802	█ 2882	---	---
Magnesium	ppm	█ 65	█ 12	---	---
Zinc	ppm	█ 939	█ 891	---	---
Phosphorus	ppm	█ 756	█ 776	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 201	█ 495	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. 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: 11019143
Signed: Doug Bogart
Report Date: 08 May 2024

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GRAPHS

