

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 20350596 - INBOARD - STARBOARD GEARBOX

Sample No: VPA057381

Oil Type: SAE 40W

### SAMPLE INFORMATION

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

### 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	■ 94.98	---	---	---
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### CONTAMINATION

Water	%	■ 0.192	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 42	---	---	---
Iron	ppm	■ 64	---	---	---
Copper	ppm	■ 102	---	---	---
Lead	ppm	■ 6	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 25	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---

### ADDITIVES

Calcium	ppm	■ 2802	---	---	---
Magnesium	ppm	■ 65	---	---	---
Zinc	ppm	■ 939	---	---	---
Phosphorus	ppm	■ 756	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 201	---	---	---

### 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: VPADVNPAP  
Unique No: 11019143  
Signed: Doug Bogart  
Report Date: 10 May 2024

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**VOLVO  
PENTA**

## GRAPHS

