

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## 20244256 - INBOARD - PORT GEARBOX

**Sample No:** VPA056982

**Oil Type:** DIESEL ENGINE OIL SAE 40

### SAMPLE INFORMATION

Sample Number	VPA056982	---	---	---
Sample Date	19 Jul 2023	---	---	---
Machine Hours	746	---	---	---
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	■ 94.4	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

### WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 24	---	---	---
Copper	ppm	■ 74	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 50	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	■ 2829	---	---	---
Magnesium	ppm	■ 145	---	---	---
Zinc	ppm	■ 966	---	---	---
Phosphorus	ppm	■ 891	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 17	---	---	---

**Depot:** VPADVNP  
**Unique No:** 10564851  
**Signed:** Don Baldrige  
**Report Date:** 24 Jul 2023

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## GRAPHS

