

# OIL ANALYSIS REPORT

# VOLVO PENTA

**R16874 VOLVO PENTA VOLVO PENTA IPS (S/N NOT GIVEN) - STARBOARD IPS**

**Sample No:** VPA055550  
**Oil Type:** VOLVO GEAR 90W

## SAMPLE INFORMATION

Sample Number	VPA055550	---	---	---
Sample Date	05 Feb 2024	---	---	---
Machine Hours	1537	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Western Branch Diesel, Inc. - VP527273**  
3504 SHIPWRIGHT ST  
PORTSMOUTH, VA  
US 23703  
Contact: GEORGE ROGIC  
grogic@wbdiesel.com  
T:  
F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 107	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	0	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 0	---	---	---

## WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	■ 11	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	84	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	33	---	---	---
Phosphorus	ppm	1336	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	301	---	---	---

## 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.

**Depot:** VP155396  
**Unique No:** 10863717  
**Signed:** Don Baldrige  
**Report Date:** 08 Feb 2024

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## GRAPHS

