

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**DARIN FITZGERALD 54082 VOLVO PENTA 3950005024 - IPS**

**Sample No:** VPA029273

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA029273	---	---	---
Sample Date	25 Jun 2024	---	---	---
Machine Hours	14	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
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## CONTAMINATION

Water	%	▲ 1.02	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 126	---	---	---
Potassium	ppm	█ 9	---	---	---

## WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	█ 114	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	61	---	---	---
Zinc	ppm	█ 152	---	---	---
Phosphorus	ppm	█ 1522	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 317	---	---	---

### Kozwel Boatworks, Inc.

2601 S. Yale St.  
SANTA ANA, CA  
US 92704

Contact: KELLI W  
kelliw@kozwel.com

T:  
F:

### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VP491768  
**Unique No:** 11100789  
**Signed:** Don Baldrige  
**Report Date:** 29 Jun 2024

Contact/Location: KELLI W - VP491768

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## GRAPHS

