

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JAMES BARROW 48515 3940019857 - PORT IPS**

**Sample No:** VPA023562

**Oil Type:** SAE 80W90

## SAMPLE INFORMATION

Sample Number	VPA023562	---	---	---
Sample Date	11 Apr 2024	---	---	---
Machine Hours	935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

## PECKS MARINE

505 THOUSAND ISLANDS PKWY  
LANDSDOWNE, ON  
CA K0E 1L0  
Contact: Service Manager

## OIL CONDITION

Visc @ 40°C	cSt	▲ 108	---	---	---
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T:  
F:

## CONTAMINATION

Water	%	▲ 0.207	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

## 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. Iron ppm levels are abnormal. There is a moderate concentration of water present in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

## WEAR METALS

PQ		█ 0	---	---	---
Iron	ppm	▲ 266	---	---	---
Copper	ppm	16	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 43	---	---	---
Phosphorus	ppm	█ 1304	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	216	---	---	---

**Depot:** VP1254793  
**Unique No:** 5762071  
**Signed:** Kevin Marson  
**Report Date:** 17 Apr 2024

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## GRAPHS

