

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JAMES BARROW 48515 3940018369 - STARBOARD IPS**

**Sample No:** VPA010014

**Oil Type:** SAE 80W90

## SAMPLE INFORMATION

Sample Number	VPA010014	---	---	---
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 ▲ 104 --- --- ---

T:  
F:

## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	22	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

## Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. The fluid was specified as (GENERIC) SAE 80W90, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade on your next sample. Iron ppm levels are abnormal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

## WEAR METALS

PQ		0	---	---	---
Iron	ppm	281	---	---	---
Copper	ppm	32	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	5	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	56	---	---	---
Phosphorus	ppm	1315	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	235	---	---	---

**Depot:** VP1254793  
**Unique No:** 5762072  
**Signed:** Kevin Marson  
**Report Date:** 15 Apr 2024

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## GRAPHS

