

# OIL ANALYSIS REPORT

# VOLVO PENTA

**MICHAEL COHEN R3799 VOLVO PENTA 3940016905 - PORT IPS**

**Sample No:** VPA055704

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA055704	VPA055342	---	---
Sample Date	22 Dec 2023	06 Nov 2023	---	---
Machine Hours	0	1105	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

## WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

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## OIL CONDITION

Visc @ 40°C	cSt	█ 108	█ 109	---	---
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## CONTAMINATION

Water	%	▲ 0.309	NEG	---	---
Silicon	ppm	█ 10	5	---	---
Sodium	ppm	█ 20	█ 2	---	---
Potassium	ppm	█ 2	█ 0	---	---

## WEAR METALS

PQ		█ 25	█ 12	---	---
Iron	ppm	█ 69	█ 22	---	---
Copper	ppm	4	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	30	10	---	---
Magnesium	ppm	13	1	---	---
Zinc	ppm	2	1	---	---
Phosphorus	ppm	1181	1203	---	---
Barium	ppm	0	0	---	---
Boron	ppm	290	284	---	---

## Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP1165983

**Unique No:** 10807289

**Signed:** Doug Bogart

**Report Date:** 29 Dec 2023

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**VOLVO  
PENTA**

## GRAPHS

