

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JEFF WELCH FTM494168 VOLVO PENTA 3491005943 - STARBOARD IPS**

**Sample No:** VPA044475

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

## SAMPLE INFORMATION

Sample Number	VPA044475	---	---	---
Sample Date	31 May 2023	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

## FDDA - FORT MYERS

1326 SE 17TH STE 460

FORT MYER, FL

US

Contact: JASON HOGAN

j.hogan@ssss.com

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## OIL CONDITION

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

Water	%	▲ 0.276	---	---	---
Silicon	ppm	■ 21	---	---	---
Sodium	ppm	■ 27	---	---	---
Potassium	ppm	■ 2	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	▲ 308	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ 18	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 6	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 61	---	---	---
Phosphorus	ppm	■ 1661	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 367	---	---	---

**Depot:** VP1088679

**Unique No:** 10499148

**Signed:** Jonathan Hester

**Report Date:** 07 Jun 2023

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## GRAPHS

