

# OIL ANALYSIS REPORT

# VOLVO PENTA

**FRANK CUNNINGHAM GT6003 VOLVO PENTA 3950006883 - STARBOARD IPS**

**Sample No:** VPA051819

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

## SAMPLE INFORMATION

Sample Number	VPA051819	VPA042091	---	---
Sample Date	11 Oct 2023	30 Mar 2023	---	---
Machine Hours	729	595	---	---
Oil Hours	0	85	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

Contact: ROBERT ANTONA

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F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 88.1	■ 91.0	---	---
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## CONTAMINATION

Silicon	ppm	<1	1	---	---
Sodium	ppm	■ <1	■ 1	---	---
Potassium	ppm	■ 0	■ <1	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

PQ		■ 15	■ 7	---	---
Iron	ppm	■ 39	■ 30	---	---
Copper	ppm	6	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	■ 1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	■ 12	■ 9	---	---
Magnesium	ppm	49	67	---	---
Zinc	ppm	■ 7	■ 0	---	---
Phosphorus	ppm	■ 1362	■ 1469	---	---
Barium	ppm	■ <1	■ 0	---	---
Boron	ppm	■ 167	■ 217	---	---

**Depot:** VP531377

**Unique No:** 10699878

**Signed:** Sean Felton

**Report Date:** 19 Oct 2023

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**VOLVO  
PENTA**

## GRAPHS

