

# [TOM ALLMAND [MIKE STEAD]] VOLVO PENTA 3194000553 - STARBOARD IPS

**Sample No:** VPA052355

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

## SAMPLE INFORMATION

Sample Number	VPA052355	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**Dry Harbour Marine**

06357 US 31 South  
 CHARLEVOIX, MI  
 US 49720  
 Contact: ZACH WARD  
 zach@dryharbourmarine.com  
 T:  
 F:

## OIL CONDITION

Visc @ 40°C	cSt	█ 110	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

### 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		█ 20	---	---	---
Iron	ppm	█ 23	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1448	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 313	---	---	---

**Depot:** VP231375  
**Unique No:** 10994840  
**Signed:** Jonathan Hester  
**Report Date:** 26 Apr 2024

# GRAPHS

