

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BOWES-460 NO 82 JUSTIN VOLVO PENTA 3940024963 - STARBOARD IPS**

**Sample No:** VPA059879

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

## SAMPLE INFORMATION

Sample Number	VPA059879	---	---	---
Sample Date	06 Nov 2023	---	---	---
Machine Hours	289	---	---	---
Oil Hours	60	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### Outstanding Marine

PO Box 274  
GALENA, MD  
US 21635  
Contact: Ronda Bolinger  
rlwb@verizon.net  
T:  
F:

## OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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		█ 14	---	---	---
Iron	ppm	█ 91	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 21	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1432	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 339	---	---	---

**Depot:** VP153685  
**Unique No:** 10764272  
**Signed:** Angela Borella  
**Report Date:** 01 Dec 2023

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## GRAPHS

