

# OIL ANALYSIS REPORT

# VOLVO PENTA

**SLY DZIUBA-520 NO 278 JAY VOLVO PENTA 3200004862 - STARBOARD IPS**

**Sample No:** VPA058377

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA058377	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	129	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
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	■ 90.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 7	---	---	---

## WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	■ 53	---	---	---
Copper	ppm	■ 16	---	---	---
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	4	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	30	---	---	---
Magnesium	ppm	946	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1587	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	608	---	---	---

## 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.

**Depot:** VP153685  
**Unique No:** 10764277  
**Signed:** Angela Borella  
**Report Date:** 01 Dec 2023

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## GRAPHS

