

# OIL ANALYSIS REPORT

# VOLVO PENTA

## JENNIFER GRANT VOLVO PENTA 3101038035 - STARBOARD GEARBOX

Sample No: VPA056553

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA056553	---	---	---
Sample Date	23 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 125	---	---	---
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### CONTAMINATION

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

### WEAR METALS

PQ		■ 120	---	---	---
Iron	ppm	● 525	---	---	---
Copper	ppm	▲ 123	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	109	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	398	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	87	---	---	---

### MELBOURNE MARINE DIESEL

MELBOURNE, FL  
US

Contact: SERVICE MANAGER  
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### Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP1222400

Unique No: 10755019

Signed: Jonathan Hester

Report Date: 27 Nov 2023

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## GRAPHS

