

# OIL ANALYSIS REPORT

# VOLVO PENTA

## O'HARE C6037 MERC 3312001021 - INBOARD - STARBOARD GEARBOX

Sample No: VPA044136

Oil Type: ATF

### SAMPLE INFORMATION

Sample Number	VPA044136	VPA043815	---	---
Sample Date	29 Nov 2023	04 Oct 2022	---	---
Machine Hours	1430	1407	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

Walstrom Marine - 767948

501 Bay Street  
HARBOR SPRINGS, MI  
US 49740

Contact: RICK HEINY  
rheiny@walstrom.com

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F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 26.9	27.9	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 3	█ 7	---	---
Sodium	ppm	█ 2	█ 3	---	---
Potassium	ppm	█ 1	█ <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		█ 43	█ 7	---	---
Iron	ppm	█ 7	█ 11	---	---
Copper	ppm	█ 12	█ 9	---	---
Lead	ppm	█ 9	█ 6	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 0	<1	---	---
Molybdenum	ppm	█ 1	2	---	---
Nickel	ppm	█ 0	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	<1	---	---
Vanadium	ppm	0	<1	---	---

### ADDITIVES

Calcium	ppm	█ 141	165	---	---
Magnesium	ppm	█ 26	28	---	---
Zinc	ppm	█ 39	48	---	---
Phosphorus	ppm	█ 211	227	---	---
Barium	ppm	█ 1	0	---	---
Boron	ppm	█ 77	69	---	---

Depot: VP154879

Unique No: 10793364

Signed: Don Baldrige

Report Date: 20 Dec 2023

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## GRAPHS

