

# OIL ANALYSIS REPORT

# VOLVO PENTA

## CRAHAN MERCUISER 2A536154 - GASOLINE ENGINE

Sample No: VPA044015

Oil Type: MERCURY 25W40 SYN

### SAMPLE INFORMATION

Sample Number	VPA044015	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	236	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	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 @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.6	---	---	---
Oxidation (PA)	%	15	---	---	---

### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

### CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	9	---	---	---
Sulfation (PA)	%	12	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	52	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	2079	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	849	---	---	---
Phosphorus	ppm	756	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	184	---	---	---

Depot: VP154879

Unique No: 10724912

Signed: Jonathan Hester

Report Date: 03 Nov 2023

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## GRAPHS

