

OIL ANALYSIS REPORT

VOLVO PENTA

MURPHY MURPHY - STERNDRIVE (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA058207

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA058207	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	0	---	---	---
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

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 164	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

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		█ 16	---	---	---
Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	102	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	523	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	368	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

Depot: VP154879

Unique No: 10802990

Signed: Don Baldrige

Report Date: 24 Dec 2023

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GRAPHS

