

OIL ANALYSIS REPORT

VOLVO PENTA

GREG MOERSCHEL 505734 VOLVO PENTA 3950007551 - STARBOARD IPS

Sample No: VPA048936

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048936	VPA047568	---	---
Sample Date	20 Dec 2023	28 Nov 2022	---	---
Machine Hours	290	217	---	---
Oil Hours	73	104	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080

Contact: DENNIS BUTT
dbutt@jbys.com

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 98.9	■ 102	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	■ <1	■ 2	---	---
Potassium	ppm	■ 0	■ 5	---	---

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	■ 3	---	---
Iron	ppm	■ 13	■ 24	---	---
Copper	ppm	2	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	■ 0	■ <1	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	■ 2	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	■ 12	■ 5	---	---
Magnesium	ppm	44	■ 230	---	---
Zinc	ppm	■ 5	■ 0	---	---
Phosphorus	ppm	■ 1425	■ 1116	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 315	■ 267	---	---

Depot: VP297371

Unique No: 10804801

Signed: Sean Felton

Report Date: 27 Dec 2023

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GRAPHS

