

# OIL ANALYSIS REPORT

# VOLVO PENTA

**JOHN GREGORY 3685/SALESMANSHIP TWIN DISC 2417828 - INBOARD - PORT GEARBOX**

**Sample No:** VPA058345

**Oil Type:** MOBIL MOBILFLUID 424

## SAMPLE INFORMATION

Sample Number	VPA058345	VPA049532	VPA037291	---
Sample Date	19 Feb 2024	04 Jan 2024	09 Dec 2021	---
Machine Hours	1023	978	505	---
Oil Hours	0	200	200	---
Oil Changed	Not Changd	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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## OIL CONDITION

Visc @ 40°C	cSt	■ 48.0	■ 47.5	■ 60.0	---
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## CONTAMINATION

Water	%	NEG	▲ 0.241	NEG	---
Silicon	ppm	■ 9	■ 11	■ 8	---
Sodium	ppm	■ 0	■ 5	■ 2	---
Potassium	ppm	■ 1	■ 1	■ <1	---

## WEAR METALS

PQ		■ 19	■ 21	■ 16	---
Iron	ppm	■ 27	■ 43	■ 18	---
Copper	ppm	■ 14	■ 36	■ 11	---
Lead	ppm	■ 2	■ 5	■ 6	---
Tin	ppm	■ 0	■ 0	■ 0	---
Aluminum	ppm	■ 3	■ 6	■ 6	---
Chromium	ppm	■ <1	■ <1	<1	---
Molybdenum	ppm	■ 2	■ 3	■ 27	---
Nickel	ppm	■ 0	■ 0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	■ 0	■ 0	■ <1	---
Vanadium	ppm	0	0	0	---

## ADDITIVES

Calcium	ppm	■ 3601	■ 3620	■ 3854	---
Magnesium	ppm	■ 22	■ 19	■ 24	---
Zinc	ppm	■ 1407	■ 1458	■ 1421	---
Phosphorus	ppm	■ 1210	■ 1189	■ 1288	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 123	■ 149	■ 121	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the oil is acceptable for the time in service.

**Depot:** VP531377

**Unique No:** 10896231

**Signed:** Sean Felton

**Report Date:** 26 Feb 2024

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## GRAPHS

