

# OIL ANALYSIS REPORT

# VOLVO PENTA

**KEITH WILLIAMS GB6018 TWIN DISC 2437831 - INBOARD - STARBOARD GEARBOX**

**Sample No:** VPA058799

**Oil Type:** MOBIL MOBILFLUID 424

## SAMPLE INFORMATION

Sample Number	VPA058799	VPA049507	---	---
Sample Date	03 May 2024	14 Dec 2023	---	---
Machine Hours	0	663	---	---
Oil Hours	50	200	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 50.4	■ 47.3	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 11	■ 11	---	---
Sodium	ppm	■ 4	■ 4	---	---
Potassium	ppm	■ 0	■ 2	---	---

## WEAR METALS

PQ		■ 16	■ 18	---	---
Iron	ppm	■ 21	■ 49	---	---
Copper	ppm	■ 100	● 237	---	---
Lead	ppm	■ 2	■ 6	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 2	■ 3	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ 4	■ 7	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ 1	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	■ 3566	■ 3483	---	---
Magnesium	ppm	■ 75	113	---	---
Zinc	ppm	■ 1421	■ 1461	---	---
Phosphorus	ppm	■ 1156	■ 1193	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 122	■ 117	---	---

## 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.

**Depot:** VP531377

**Unique No:** 11023555

**Signed:** Don Baldrige

**Report Date:** 15 May 2024

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## GRAPHS

