

# OIL ANALYSIS REPORT

# VOLVO PENTA

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

**Sample No:** VPA049507

**Oil Type:** MOBIL MOBILFLUID 424

## SAMPLE INFORMATION

Sample Number	VPA049507	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	663	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

## OIL CONDITION

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

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

## WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	■ 49	---	---	---
Copper	ppm	▲ 237	---	---	---
Lead	ppm	■ 6	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 7	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 3483	---	---	---
Magnesium	ppm	113	---	---	---
Zinc	ppm	■ 1461	---	---	---
Phosphorus	ppm	■ 1193	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 117	---	---	---

## GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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:** 10802997

**Signed:** Don Baldrige

**Report Date:** 24 Dec 2023

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## GRAPHS

