

# OIL ANALYSIS REPORT



## NORTHLIGHT/3299 TWIN DISC 2450222- INBOARD - STARBOARD GEARBOX

**Sample No:** VPA049508  
**Oil Type:** MOBIL MOBILFLUID 424

### SAMPLE INFORMATION

Sample Number	VPA049508	---	---	---
Sample Date	29 Nov 2023	---	---	---
Machine Hours	341	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### GRAND BANKS

450 SW SALEM RD  
STUART, FL  
US 34994  
Contact: ROBERT ANTONA  
roberta@gbmarinegroup.com  
T: (609)384-5290  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 55.1	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

### 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		■ 28	---	---	---
Iron	ppm	■ 25	---	---	---
Copper	ppm	■ 59	---	---	---
Lead	ppm	■ 10	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	■ 2995	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 1167	---	---	---
Phosphorus	ppm	■ 1056	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 97	---	---	---

**Depot:** VP531377  
**Unique No:** 10769922  
**Signed:** Sean Felton  
**Report Date:** 07 Dec 2023

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# VOLVO PENTA

## GRAPHS

