

OIL ANALYSIS REPORT



RICHARD GOLDSTEN GB6017 TWIN DISC 2430460 - INBOARD - STARBOARD GEARBOX

Sample No: VPA06015427

Oil Type: MOBIL MOBILFLUID 424

SAMPLE INFORMATION

Sample Number	VPA06015427	VPA045398	VPA040695	---
Sample Date	14 Nov 2023	10 Oct 2022	15 Nov 2021	---
Machine Hours	875	614	310	---
Oil Hours	200	320	100	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

Contact: ROBERT ANTONA

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F:

OIL CONDITION

Visc @ 40°C	cSt	47.2	47.9	45.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	10	9	---
Sodium	ppm	0	3	9	---
Potassium	ppm	2	0	<1	---

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		11	14	25	---
Iron	ppm	35	38	40	---
Copper	ppm	19	11	17	---
Lead	ppm	6	6	12	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	1	3	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	2	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	2	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	3798	3518	3450	---
Magnesium	ppm	16	30	26	---
Zinc	ppm	1510	1423	1394	---
Phosphorus	ppm	1220	1112	1104	---
Barium	ppm	0	2	0	---
Boron	ppm	129	113	110	---

Depot: VP531377

Unique No: 10754571

Signed: Jonathan Hester

Report Date: 27 Nov 2023

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VOLVO PENTA

GRAPHS

