

OIL ANALYSIS REPORT

**VOLVO
PENTA**

BOB GUNTHER GB5408 TWIN DISC 2510691 - INBOARD - PORT GEARBOX

Sample No: VPA050515

Oil Type: SHELL ROTELLA T 40

SAMPLE INFORMATION

Sample Number	VPA050515	---	---	---
Sample Date	21 Jun 2023	---	---	---
Machine Hours	121	---	---	---
Oil Hours	121	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	77.3	---	---	---
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CONTAMINATION

Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

WEAR METALS

PQ		19	---	---	---
Iron	ppm	47	---	---	---
Copper	ppm	100	---	---	---
Lead	ppm	31	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1805	---	---	---
Magnesium	ppm	34	---	---	---
Zinc	ppm	722	---	---	---
Phosphorus	ppm	629	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	37	---	---	---

GRAND BANKS

450 SW SALEM RD
STUART, FL
US 34994

Contact: ROBERT ANTONA
roberta@gbmarinegroup.com
T: (609)384-5290
F:

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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: 10536393
Signed: Don Baldrige
Report Date: 02 Jul 2023

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GRAPHS

