

OIL ANALYSIS REPORT

**VOLVO
PENTA**

SEA BUG 10072 20279093 - INBOARD - CENTER GEARBOX

Sample No: VPA059512

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA059512	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	274	---	---	---
Oil Hours	69	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 89.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 22	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 9	---	---	---
Copper	ppm	■ 127	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 100	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2488	---	---	---
Magnesium	ppm	■ 47	---	---	---
Zinc	ppm	■ 1121	---	---	---
Phosphorus	ppm	■ 992	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 19	---	---	---

The Talaria Company

202 Banks St., One Little Harbor Landing
OXFORD, MD

US 21654

Contact: TRACY PELLERIN

tpellerin@hinckleyyachts.com

T: (410)770-4899

F: x:

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: VP592286

Unique No: 10722986

Signed: Don Baldrige

Report Date: 01 Nov 2023

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GRAPHS

