

OIL ANALYSIS REPORT

**VOLVO
PENTA**

PATROIT 20293826 - INBOARD - CENTER GEARBOX

Sample No: VPA052483
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA052483	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	141	---	---	---
Oil Hours	34	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 86.4	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	■ 10	---	---	---
Copper	ppm	▲ 394	---	---	---
Lead	ppm	■ 8	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 121	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2747	---	---	---
Magnesium	ppm	22	---	---	---
Zinc	ppm	■ 1208	---	---	---
Phosphorus	ppm	■ 1093	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 7	---	---	---

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

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. Component wear metal level(s) high for break in. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP592286
Unique No: 10928632
Signed: Sean Felton
Report Date: 19 Mar 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

