

OIL ANALYSIS REPORT

VOLVO PENTA

SCHATZ 20054143 - INBOARD GEARBOX

Sample No: VPA058262
Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number	VPA058262	VPA041372	VPA043563	---
Sample Date	14 Nov 2023	18 Jan 2023	27 Dec 2021	---
Machine Hours	529	502	64	---
Oil Hours	27	49	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	89.9	91.5	94.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	4	---
Sodium	ppm	0	2	2	---
Potassium	ppm	2	0	0	---

WEAR METALS

PQ		20	14	38	---
Iron	ppm	10	8	12	---
Copper	ppm	18	21	22	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	115	114	119	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	2603	2632	2710	---
Magnesium	ppm	18	19	31	---
Zinc	ppm	1119	1112	1157	---
Phosphorus	ppm	973	996	1043	---
Barium	ppm	0	0	0	---
Boron	ppm	2	4	0	---

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: 10751880
Signed: Jonathan Hester
Report Date: 22 Nov 2023

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GRAPHS

