

OIL ANALYSIS REPORT

VOLVO PENTA

4 FROGS 4 FROGS - INBOARD - STARBOARD GEARBOX

Sample No: VPA059977
Oil Type: PENNZOIL DEXRON MERCON ATF FLUID

SAMPLE INFORMATION

Sample Number	VPA059977	VPA044663	VPA032086	---
Sample Date	17 Nov 2023	04 Nov 2022	02 Oct 2021	---
Machine Hours	572	399	0	---
Oil Hours	172	111	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	28.2	28.2	28.9	---
-------------	-----	-------------	------	------	-----

CONTAMINATION

Water	%	NEG	NEG	▲ 0.949	---
Silicon	ppm	4	5	6	---
Sodium	ppm	7	13	2	---
Potassium	ppm	<1	<1	6	---

WEAR METALS

PQ		16	15	19	---
Iron	ppm	63	93	7	---
Copper	ppm	65	74	▲ 82	---
Lead	ppm	14	21	0	---
Tin	ppm	<1	1	0	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	0	0	44	---
Nickel	ppm	<1	1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	12	15	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	161	143	3594	---
Magnesium	ppm	3	3	32	---
Zinc	ppm	20	24	1033	---
Phosphorus	ppm	240	223	907	---
Barium	ppm	0	0	0	---
Boron	ppm	79	60	353	---

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: 10779515
Signed: Jonathan Hester
Report Date: 14 Dec 2023

OIL ANALYSIS REPORT



GRAPHS

