

# OIL ANALYSIS REPORT

# VOLVO PENTA

## DARK N STORMY 20204786 - INBOARD - STARBOARD GEARBOX

Sample No: VPA058924

Oil Type: PENNZOIL DEXRON MERCON ATF FLUID

### SAMPLE INFORMATION

Sample Number	VPA058924	VPA041340	VPA031337	VPA033984
Sample Date	05 Dec 2023	05 Jan 2023	02 Nov 2021	08 Jan 2021
Machine Hours	657	593	556	0
Oil Hours	67	0	0	0
Oil Changed	Changed	N/A	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

### 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:

### OIL CONDITION

Visc @ 40°C	cSt	█ 25.9	29.3	█ 28.7	█ 23.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	█ 4	█ 4	█ 4	█ 9
Sodium	ppm	█ <1	█ 3	█ 0	█ <1
Potassium	ppm	█ 0	█ 0	█ 0	█ 0

### 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.

### WEAR METALS

PQ		█ 24	█ 9	█ 32	█ 38
Iron	ppm	█ 21	█ 19	█ 28	█ 72
Copper	ppm	█ 3	█ 6	█ 5	█ 13
Lead	ppm	█ <1	█ 3	█ 4	█ 13
Tin	ppm	█ 0	█ 0	█ 0	█ <1
Aluminum	ppm	█ 1	█ 1	█ 2	█ 6
Chromium	ppm	█ <1	█ 0	<1	<1
Molybdenum	ppm	█ 0	<1	█ <1	<1
Nickel	ppm	█ 0	█ 0	<1	0
Titanium	ppm	█ 0	0	0	<1
Silver	ppm	█ 0	0	0	0
Manganese	ppm	<1	<1	█ <1	<1
Vanadium	ppm	█ 0	0	0	0

### ADDITIVES

Calcium	ppm	█ 98	167	█ 167	75
Magnesium	ppm	<1	<1	█ 2	1
Zinc	ppm	█ 2	15	█ 10	14
Phosphorus	ppm	█ 240	247	█ 260	201
Barium	ppm	█ 0	0	█ 0	0
Boron	ppm	█ 114	113	█ 120	102

Depot: VP592286  
Unique No: 10779514  
Signed: Jonathan Hester  
Report Date: 14 Dec 2023

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## GRAPHS

