

# OIL ANALYSIS REPORT

# VOLVO PENTA

## OLD FASHIONED 3739 20025669 - INBOARD - GEARBOX

Sample No: VPA058259  
Oil Type: SHELL ROTELLA T 30

### SAMPLE INFORMATION

Sample Number	VPA058259	VPA044586	---	---
Sample Date	14 Nov 2023	23 Nov 2022	---	---
Machine Hours	956	884	---	---
Oil Hours	71	51	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 93.1	■ 94.7	---	---
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### CONTAMINATION

Water	%	■ NEG	■ NEG	---	---
Silicon	ppm	■ 5	■ 5	---	---
Sodium	ppm	■ 1	■ 3	---	---
Potassium	ppm	■ 3	■ 0	---	---

### WEAR METALS

PQ		■ 16	■ 7	---	---
Iron	ppm	■ 8	■ 9	---	---
Copper	ppm	■ 68	■ 59	---	---
Lead	ppm	■ 73	■ 89	---	---
Tin	ppm	■ <1	■ 1	---	---
Aluminum	ppm	■ 1	■ <1	---	---
Chromium	ppm	■ 0	■ <1	---	---
Molybdenum	ppm	■ 109	■ 113	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	■ 0	■ <1	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	■ 2631	■ 2590	---	---
Magnesium	ppm	■ 34	62	---	---
Zinc	ppm	■ 1161	■ 1148	---	---
Phosphorus	ppm	■ 1016	■ 1027	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 20	■ 5	---	---

### 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: 10751870  
Signed: Jonathan Hester  
Report Date: 22 Nov 2023

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## GRAPHS

