

# OIL ANALYSIS REPORT

# VOLVO PENTA

## CLEMENTINE 20005232 - INBOARD - PORT GEARBOX

**Sample No:** VPA059828  
**Oil Type:** SHELL ROTELLA T 30

### SAMPLE INFORMATION

Sample Number	VPA059828	VPA046273	---	---
Sample Date	25 Oct 2023	09 Jan 2023	---	---
Machine Hours	16	1432	---	---
Oil Hours	16	14	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 88.3	■ 91.0	---	---
-------------	-----	--------	--------	-----	-----

### CONTAMINATION

Silicon	ppm	■ 5	■ 7	---	---
Sodium	ppm	■ 4	■ 2	---	---
Potassium	ppm	■ <1	■ <1	---	---

### WEAR METALS

PQ		■ 21	■ 9	---	---
Iron	ppm	■ 11	■ 23	---	---
Copper	ppm	■ 46	■ 17	---	---
Lead	ppm	■ 54	■ <1	---	---
Tin	ppm	■ 0	■ 1	---	---
Aluminum	ppm	■ 2	■ 7	---	---
Chromium	ppm	■ 0	■ 2	---	---
Molybdenum	ppm	■ 104	■ 50	---	---
Nickel	ppm	■ 0	■ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	■ <1	■ <1	---	---
Vanadium	ppm	0	<1	---	---

### ADDITIVES

Calcium	ppm	■ 2476	■ 1527	---	---
Magnesium	ppm	■ 36	■ 467	---	---
Zinc	ppm	■ 1130	■ 1014	---	---
Phosphorus	ppm	■ 964	■ 822	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 7	■ 62	---	---

### 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:** 10722983  
**Signed:** Don Baldrige  
**Report Date:** 01 Nov 2023

# OIL ANALYSIS REPORT

## GRAPHS

