

OIL ANALYSIS REPORT

**VOLVO
PENTA**

PETER COLYN WILLIAM PIKULSKI VOLVO PENTA 3194011087 - STARBOARD IPS

Sample No: VPA048855

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA048855	---	---	---
Sample Date	20 Jun 2023	---	---	---
Machine Hours	1915	---	---	---
Oil Hours	1915	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Camachee Yacht Yard

3020 Harbor Drive
SAINT AUGUSTINE, FL
US 32084
Contact: BONNIE MARSHALL
info@camacheeyachtyard.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 101	---	---	---
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CONTAMINATION

Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 13	---	---	---
Potassium	ppm	■ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. 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		■ 35	---	---	---
Iron	ppm	■ 153	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 43	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 19	---	---	---
Phosphorus	ppm	■ 559	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 47	---	---	---

Depot: VP513617
Unique No: 10532767
Signed: Don Baldrige
Report Date: 27 Jun 2023

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GRAPHS

