

OIL ANALYSIS REPORT

VOLVO PENTA

GREGG COHEN FRANK/23161 VOLVO PENTA 7011449288 - PORT DIESEL ENGINE

Sample No: VPA042645

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA042645	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	788	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Seven Seas Yacht Services LLC

1804 CRAB ALLEY DR

CHESTER, MD

US 21619

Contact: Stephanie Wright

stephanie@sevenseasys.com

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 11.1	---	---	---
Base Number (BN)	mg KOH/g	█ 7.3	---	---	---
Oxidation (PA)	%	46	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal for OEM. Fuel content negligible. No other contaminants were detected in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

CONTAMINATION

Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 3.3	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 113	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 15	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1867	---	---	---
Magnesium	ppm	█ 64	---	---	---
Zinc	ppm	█ 736	---	---	---
Phosphorus	ppm	█ 660	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 14	---	---	---

Depot: VP601781

Unique No: 10698230

Signed: Doug Bogart

Report Date: 18 Oct 2023

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GRAPHS

