

OIL ANALYSIS REPORT

VOLVO PENTA

BUENDING GREG ELLIS VOLVO PENTA 7008530577 - PORT DIESEL ENGINE

Sample No: VPA036785

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA036785	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	107	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Galati Yacht Sales LLC

900 S. BAY BLVD., PO Box 862

ANNA MARIA, FL

US 34216

Contact: RICK HERNY

rherny@galatiyachts.com

T: (727)576-8336

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	65	---	---	---

CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 66	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 104	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1303	---	---	---
Magnesium	ppm	█ 645	---	---	---
Zinc	ppm	863	---	---	---
Phosphorus	ppm	█ 793	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	253	---	---	---

Depot: VP648685

Unique No: 10715318

Signed: Don Baldrige

Report Date: 31 Oct 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

