

OIL ANALYSIS REPORT

VOLVO PENTA

CUMMINS YORTEN - STARBOARD DIESEL ENGINE

Sample No: VPA05397825

Oil Type: QUICKSILVER 10W40

SAMPLE INFORMATION

Sample Number	VPA05397825	---	---	---
Sample Date	28 Oct 2021	---	---	---
Machine Hours	562	---	---	---
Oil Hours	30	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Centerpointe Yacht Services LLC

700 South Water Street

Milwaukee, WI

US 53204

Contact: JP RICE

jp@centerpointservice.com

T:

F:

OIL CONDITION

Visc @ 100°C	cSt	█ 15.2	---	---	---
Oxidation (PA)	%	57	---	---	---

CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

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.

WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 65	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1117	---	---	---
Magnesium	ppm	█ 920	---	---	---
Zinc	ppm	█ 1105	---	---	---
Phosphorus	ppm	█ 1007	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 31	---	---	---

Depot: VP825550

Unique No: 9736975

Signed: Jonathan Hester

Report Date: 12 Nov 2021

Contact/Location: JP RICE - VP825550

OIL ANALYSIS REPORT



GRAPHS

