

# OIL ANALYSIS REPORT

# VOLVO PENTA

## WESTERBEKE WESTERBEKE - GENSET

Sample No: VPA05397826

Oil Type: QUICKSILVER 10W40

### SAMPLE INFORMATION

Sample Number	VPA05397826	---	---	---
Sample Date	28 Oct 2021	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Centerpointe Yacht Services LLC

700 South Water Street

Milwaukee, WI

US 53204

Contact: Darin Stein

darin@centerpointeservice.com

T:

F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Oxidation (PA)	%	67	---	---	---

### CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

### 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	█ 6	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	87	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1697	---	---	---
Magnesium	ppm	412	---	---	---
Zinc	ppm	916	---	---	---
Phosphorus	ppm	810	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	321	---	---	---

Depot: VP825550

Unique No: 9736976

Signed: Jonathan Hester

Report Date: 12 Nov 2021

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

