

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## MERCURY 2R611314 - GASOLINE ENGINE

Sample No: VPA055627

Oil Type: SAE 20W40

### SAMPLE INFORMATION

Sample Number	VPA055627	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	393	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	█ 14.8	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	12	---	---	---

### CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	5	---	---	---
Sulfation (PA)	%	10	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### WEAR METALS

Iron	ppm	█ <1	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 2180	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 881	---	---	---
Phosphorus	ppm	█ 766	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 241	---	---	---

### COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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### Diagnosis

No corrective action is recommended at this time. 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.

Depot: VP568144

Unique No: 10617843

Signed: Doug Bogart

Report Date: 25 Aug 2023

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## GRAPHS

