

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## KELLNER MERCURY KELLNER (S/N NOT GIVEN) - PORT GASOLINE ENGINE

Sample No: VPA047593

Oil Type: MERCURY 25W40 SYN BLEND

### SAMPLE INFORMATION

Sample Number	VPA047593	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	700	---	---	---
Oil Hours	30	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### SHORE POINT YACHT SALES INC

1 CORRIGAN AVE  
PINE BEACH, NJ  
US 08741

Contact: SERVICE MANAGER  
spys-roger@comcast.net  
T: (732)244-2106  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Base Number (BN)	mg KOH/g	█ 8.8	---	---	---
Oxidation (PA)	%	13	---	---	---

### 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 acceptable for the time in service.

### CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	7	---	---	---
Sulfation (PA)	%	10	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 0	---	---	---

### WEAR METALS

Iron	ppm	█ 10	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	50	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	2256	---	---	---
Magnesium	ppm	35	---	---	---
Zinc	ppm	886	---	---	---
Phosphorus	ppm	751	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	231	---	---	---

Depot: VPSHOPIN  
Unique No: 10565391  
Signed: Don Baldrige  
Report Date: 25 Jul 2023

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## GRAPHS

