

# OIL ANALYSIS REPORT

# VOLVO PENTA

## WILD ONE VOLVO PENTA WILD ONE (S/N NOT GIVEN) - STARBOARD DIESEL ENGINE

Sample No: VPA059721

Oil Type: DIESEL ENGINE OIL SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA059721	---	---	---
Sample Date	04 Jul 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 9.7	---	---	---
Oxidation (PA)	%	68	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 34	---	---	---
Potassium	ppm	█ 6	---	---	---

### WEAR METALS

Iron	ppm	█ 34	---	---	---
Copper	ppm	█ 47	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 48	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1341	---	---	---
Magnesium	ppm	█ 720	---	---	---
Zinc	ppm	█ 2665	---	---	---
Phosphorus	ppm	█ 2292	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 65	---	---	---

#### Edward's Marine and Sons

12741 Sunset Ave  
OCEAN CITY, MD  
US 21842

Contact: Edward Bartholme  
edwardsmarine@comcast.net;canastasio@wearcheckusa.com

T:  
F:

#### 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.

Depot: VP551029  
Unique No: 11111719  
Signed: Don Baldrige  
Report Date: 08 Jul 2024

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## GRAPHS

