

# OIL ANALYSIS REPORT

# VOLVO PENTA

## JENIFER MALDONADO VOLVO PENTA A957250 - PORT GASOLINE ENGINE

**Sample No:** VPA036947  
**Oil Type:** VOLVO 10W40

### SAMPLE INFORMATION

Sample Number	VPA036947	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	482	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### CY MARINE LLC

3821 NW 135th ST, SUITE F  
OPA LOCKA, FL  
US 33054  
Contact: CAMERON MEDINA  
cymarinellc@gmail.com  
T: (954)702-8096  
F: x:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 7.2	---	---	---
Oxidation (PA)	%	17	---	---	---

### 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

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	11	---	---	---
Sulfation (PA)	%	12	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 21	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

Iron	ppm	█ 23	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	34	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	2066	---	---	---
Magnesium	ppm	53	---	---	---
Zinc	ppm	794	---	---	---
Phosphorus	ppm	607	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VPCYMPOM  
**Unique No:** 10963230  
**Signed:** Don Baldrige  
**Report Date:** 06 Apr 2024

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## GRAPHS

