

# OIL ANALYSIS REPORT



## CONSTABLE CONSTABLE VOLVO PENTA 7011421920 - PORT DIESEL ENGINE

**Sample No:** VPA027620  
**Oil Type:** VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA027620	---	---	---
Sample Date	18 May 2020	---	---	---
Machine Hours	232	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Suncoast Diesel Marine Inc.**  
 610 Mount Vernan St  
 OLDSMAR, FL  
 US 34677  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 11.8	---	---	---
Oxidation (PA)	%	█ 60	---	---	---

### CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	█ 57	---	---	---
Sulfation (PA)	%	█ 56	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

### 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	█ 12	---	---	---
Copper	ppm	█ 64	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 53	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1218	---	---	---
Magnesium	ppm	█ 805	---	---	---
Zinc	ppm	█ 1128	---	---	---
Phosphorus	ppm	█ 972	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

**Depot:** VP945077  
**Unique No:** 9047299  
**Signed:** Don Baldrige  
**Report Date:** 30 May 2020

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# VOLVO PENTA

## GRAPHS

