# **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	 	
OIL CONDITION				
Visc @ 100°C	cSt	11.8	 	
Oxidation (PA)	%	60	 	
	70		_	
CONTAMINATION				
) Matan	%	NEG		
Water			 	
Soot %	%	0.3	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 9	 	
Sodium	ppm	5	 	
Potassium	ppm	0	 	
WEAR METALS				

Iron	ppm	12	 	
Copper	ppm	64	 	
Lead	ppm	2	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>□</b> <1	 	
Molybdenum	ppm	53	 	
Nickel	ppm	<b>1</b>	 	
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	 	

#### Suncoast Diesel Marine Inc.

610 Mount Vernan St OLDSMAR, FL US 34677 Contact: MARK WARREN oldsmar@suncoastdmi.com T: (813)475-5942 F: (813)475-5943

## 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.

 Depot:
 VP945077

 Unique No:
 9047299

 Signed:
 Don Baldridge

 Report Date:
 30 May 2020

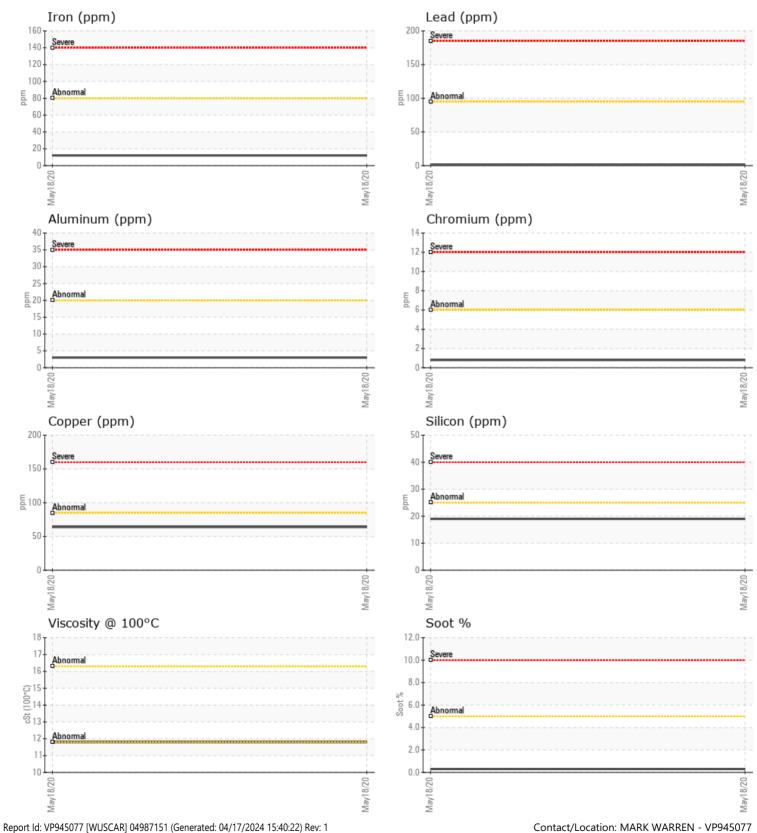
Contact/Location: MARK WARREN - VP945077



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#### GRAPHS



Contact/Location: MARK WARREN - VP945077