## **OIL ANALYSIS REPORT**

### GILBERTO CINTRON 507291 VOLVO PENTA A357804 - STARBOARD DIESEL ENGINE

Sample No: VPA059608

Oil Type: VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number		VPA059608				
Sample Date		09 Nov 2023				
Machine Hours		608				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		NORMAL				
OIL CONDITION						
Visc @ 100°C	cSt	<b>13.3</b>				
Base Number (BN)	mg KOH/g	9.6				
Oxidation (PA)	%	72				
CONTAMINATION						
Soot %	%	0.4				
Nitration (PA)	%	70				
Sulfation (PA)	%	58				
Glycol	%	NEG				
Fuel	%	<1.0				
Silicon	ppm	5				
Sodium	ppm	<b>4</b>				
Potassium	ppm	2				

## WEAR METALS

Iron	ppm	<b>12</b>	 	
Copper	ppm	5	 	
Lead	ppm	■ <1	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	7	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	59	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	0	 	
Silver	ppm	∎1	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	<1	 	

### ADDITIVES

Calcium	ppm	<b>1042</b>	 	
Magnesium	ppm	886	 	
Zinc	ppm	<b>1163</b>	 	
Phosphorus	ppm	971	 	
Barium	ppm	0	 	
Boron	ppm	7	 	

#### Seaborn Marina Inc.

87 Ocean Ave. BAY SHORE, NY US 11706 Contact: TOM parts@seabornmarina.com T: (631)665-0037 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:
 VP543511

 Unique No:
 10742687

 Signed:
 Don Baldridge

 Report Date:
 18 Nov 2023

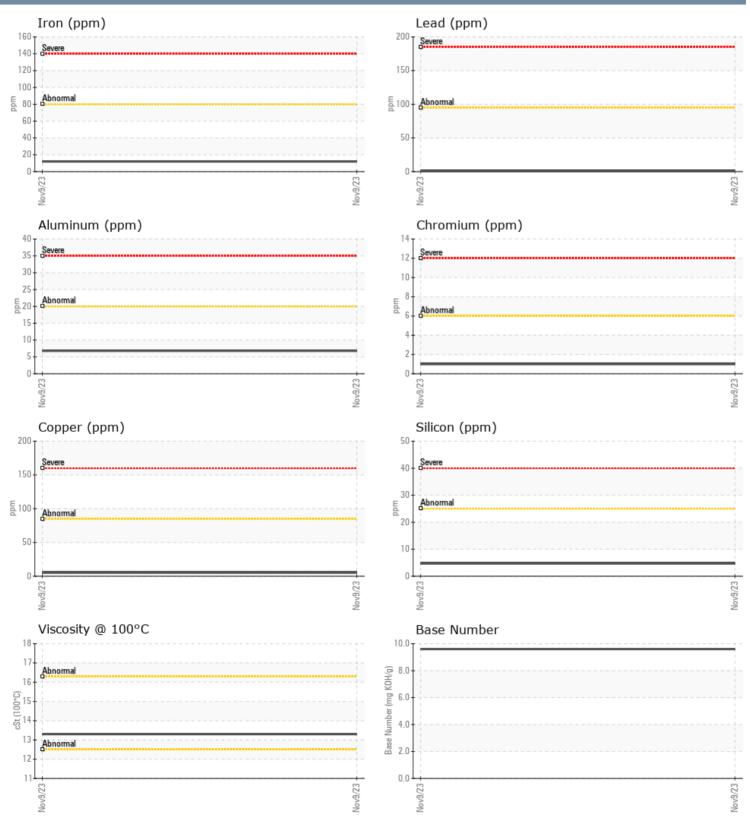
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Contact/Location: TOM ? - VP543511

# **OIL ANALYSIS REPORT**



#### GRAPHS



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Contact/Location: TOM ? - VP543511