## **OIL ANALYSIS REPORT**

## FELDMAN CUMMINS 46581762 - PORT DIESEL ENGINE

Sample No:VPA012855Oil Type:NOT GIVEN

### SAMPLE INFORMATION

Samele information					
Sample Number		VPA012855			
Sample Date		01 Dec 2023			
Machine Hours		0			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	<b>14.3</b>			
Base Number (BN)	mg KOH/g	9.5			
Oxidation (PA)	%	63			
CONTAMINATION					
CONTAMINATION					
Water	%	NEG			
Soot %	%	0.1			
Nitration (PA)	%	50			
Sulfation (PA)	%	53			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	<b>4</b>			
Sodium	ppm	2			
Potassium	ppm	2			
WEAR METALS					
Iron	ppm	5			
Copper	ppm	■ <1			
Lead	ppm	0			
Tin	ppm	0			
Aluminum	ppm	2			
Chromium	ppm	0			
Molybdenum	ppm	54			
Nickel	ppm	0			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	0			
ADUTIDA					
Calcium	ppm	<b>1111</b>			
Magnesium	ppm	868			
Zinc	ppm	 1186			
Phosphorus	ppm	996			
Barium	ppm	0			
Boron	ppm	<b>11</b>			

#### Lockwood Boat Works Inc

1825 Highway 35, Morgan SOUTH AMBOY, NJ US 08879 Contact: Ellen Lockwood ellen@lockwoodboatworks.com;maryann@lockwoodboatworks.com T: F:

## Diagnosis

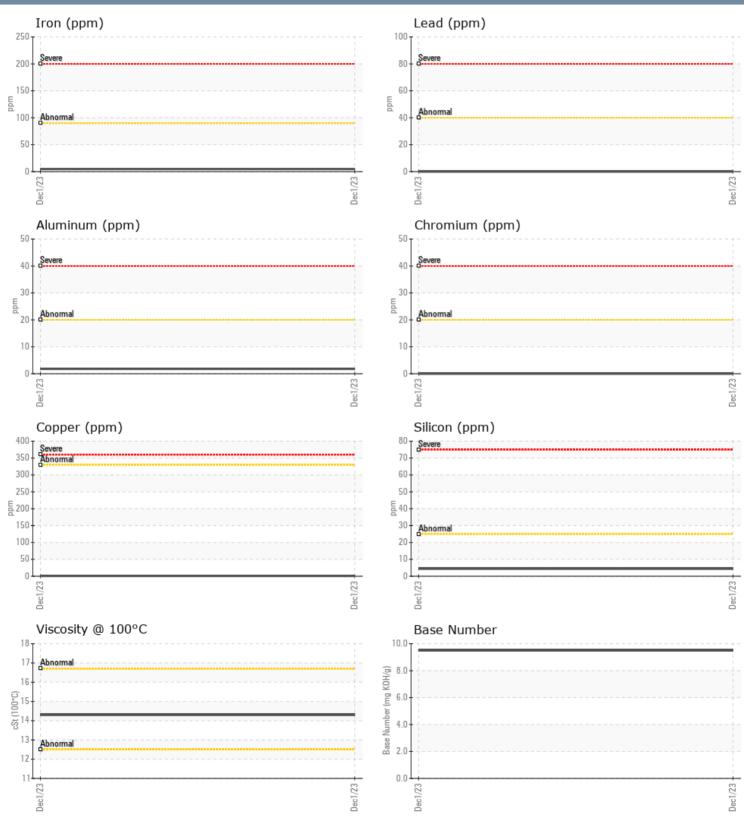
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Contact/Location: Ellen Lockwood - VP153187

# **OIL ANALYSIS REPORT**



#### GRAPHS



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Contact/Location: Ellen Lockwood - VP153187