

# **FUEL REPORT**

### Sample Rating Trend



Machine Id

# **HCA FLORIDA LAWNWOOD HOSPITAL CVICU**

Bulk Tank Diesel Fuel

**DDSL (1000 GAL)** 

#### DIAGNOSIS

#### Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel.

#### Corrosion

All metal levels are normal indicating no corrosion in the system.

## Contaminants

There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. There is no indication of any contamination in the fuel.

#### **Fuel Condition**

Sulfur value derived by ASTM D5453 method for ULSD validation.

				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCDF4595		
Sample Date		Client Info		17 Apr 2024		
Machine Age	mls	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L5.5		
Visc @ 40°C	cSt	ASTM D445		2.57		
Pensky-Martens Flash Point	°C	*PMCC Calculated		66		
Cloud Point	°C	ASTM D5771		-11		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		550		
Sulfur (UVF)	ppm	ASTM D5453		523		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		178		
5% Distillation Point	°C	ASTM D86		201		
10% Distill Point	°C	ASTM D86		211		
15% Distillation Point	°C	ASTM D86		219		
20% Distill Point	°C	ASTM D86		227		
30% Distill Point	°C	ASTM D86		241		
40% Distill Point	°C	ASTM D86		253		
50% Distill Point	°C	ASTM D86		266		
60% Distill Point	°C	ASTM D86		279		
70% Distill Point	°C	ASTM D86		292		
80% Distill Point	°C	ASTM D86		307		
85% Distillation Point		ASTM D86		317		
90% Distill Point	°C	ASTM D86		327		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86		356		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		35		
Cetane Index		ASTM D4737	<40.0	46		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.007		
ppm Water	ppm	ASTM D6304	< 500	71		
% Gasoline	%	*In-House	< 0.50	0.0		

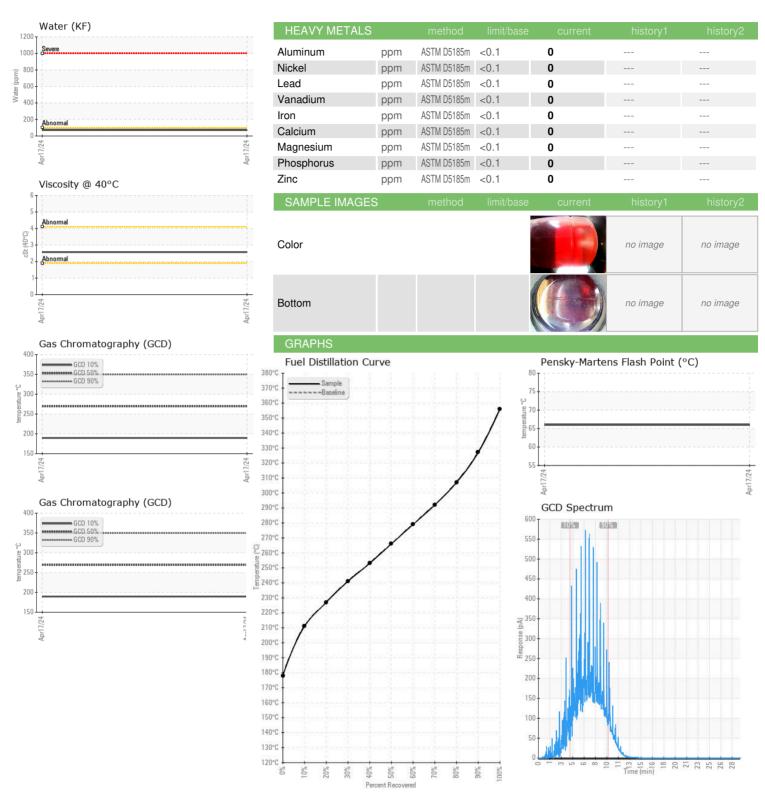
\*In-House <20.0

% Biodiesel

1.4



## **FUEL REPORT**





Certificate 12367

Laboratory Sample No.

: WCDF4595 Lab Number : 06159569

Unique Number : 10994992

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024 **Tested** : 06 May 2024

Diagnosed : 06 May 2024 - Doug Bogart

Test Package: DF-2 (Additional Tests: CldPt, Fuel, PrtCount, Screen) To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

**TANK WIZARDS** 

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