

# **FUEL REPORT**

### Sample Rating Trend



Machine Id

# HCA FLORIDA LAWNWOOD HOSPITAL EMERGENCY GEN

Bulk Tank Diesel Fuel

Fluid

**DDSL (3900 GAL)** 

#### DIAGNOSIS

#### Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur 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.

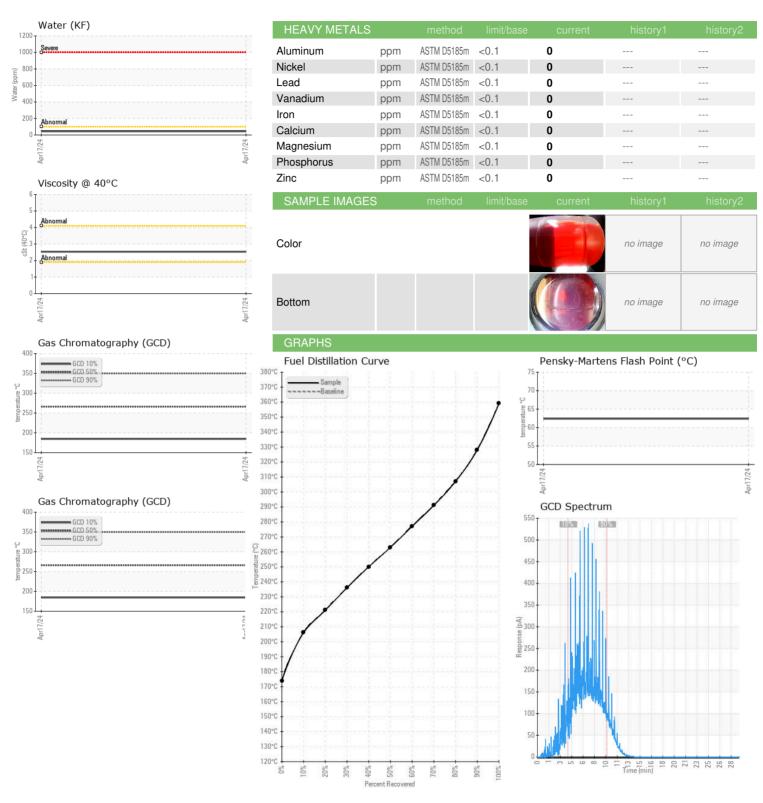
#### **Fuel Condition**

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

		<u>,                                    </u>		Apr2024		
SAMPLE INFORM	ΙΔΤΙΩΝ	method	limit/base	current	history1	history2
	i/(TIOIN		IIIIIIIIIII			Historyz
Sample Number		Client Info		WCDF4597		
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		2.53		
Pensky-Martens Flash Point	°C	*PMCC Calculated		62.4		
Cloud Point	°C	ASTM D5771		-10		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		15		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		174		
5% Distillation Point	°C	ASTM D86		197		
10% Distill Point	°C	ASTM D86		206		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86		221		
30% Distill Point	°C	ASTM D86		236		
40% Distill Point	°C	ASTM D86		250		
50% Distill Point	°C	ASTM D86		263		
60% Distill Point	°C	ASTM D86		277		
70% Distill Point	°C	ASTM D86				
				291		
80% Distill Point	°C	ASTM D86		307		
85% Distillation Point	°C	ASTM D86		318		
90% Distill Point	°C	ASTM D86		328		
95% Distillation Point	°C	ASTM D86		346		
Final Boiling Point	°C	ASTM D86		359		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		37		
Cetane Index		ASTM D4737	<40.0	49		
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	0.004		
ppm Water	ppm	ASTM D6304	<500	44		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
, 5 Diodiodoi	, 0		120.0	0.0		



## **FUEL REPORT**





Certificate 12367

Laboratory Sample No.

: WCDF4597 Lab Number : 06159568 Unique Number : 10994991

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

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.

Received : 24 Apr 2024 **Tested** Diagnosed

: 06 May 2024

: 06 May 2024 - Doug Bogart Test Package: DF-2 (Additional Tests: CldPt, Fuel, PrtCount, Screen)

Contact: WENDALL STRODERD wendall@tankwizards.com

T: (321)427-5149 F: (321)574-4131

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: 321-285-8878 X1 - WENDALL STRODERD - TANPAL

**TANK WIZARDS** 

PALM BAY, FL

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