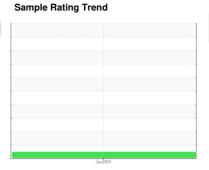


**FUEL REPORT** 

# **CITY OF ROCK HILL [17796]** [CITY OF ROCK HILL] 4720

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUF





## DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. 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

Light concentration of visible dirt/debris present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. The amount and size of particulates present in the system are acceptable.

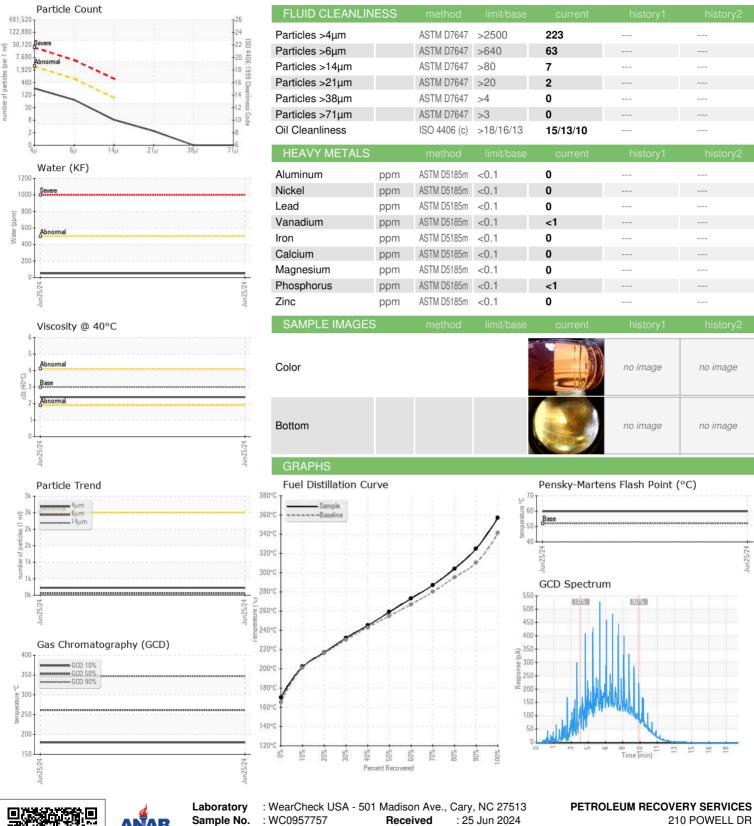
### **Fuel Condition**

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

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R) (80 GAL)			Jun2024			
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		mmusacc			motory
Sample Number		Client Info		WC0957757		
Sample Date	hvo	Client Info		25 Jun 2024		
Machine Age	hrs	Client Info		0 NORMAL		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Yllow		
ASTM Color	scalar	*ASTM D1500		L3.0		
Visc @ 40°C	cSt	ASTM D445	3.0	2.39		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.9		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86	201	202		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86	216	217		
30% Distill Point	°C	ASTM D86	230	232		
40% Distill Point	°C	ASTM D86	243	245		
50% Distill Point	°C	ASTM D86	255	259		
60% Distill Point	°C	ASTM D86	267	273		
70% Distill Point	°C	ASTM D86	280	287		
80% Distill Point	°C	ASTM D86	295	304		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALIT	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	<0.1	<1		
Potassium	ppm	ASTM D5185m	<0.1	1		
Water	%	ASTM D6304	< 0.05	0.005		
ppm Water	ppm	ASTM D6304	<500	50		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



# **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number

: WC0957757 : 06220278 Unique Number : 11098475

**Tested** 

Diagnosed : 28 Jun 2024 - Elizabeth Valachovic Test Package : DF-2 (Additional Tests: Fuel, Screen)

: 28 Jun 2024

To discuss this sample report, contact Customer Service at 1-800-237-1369.  $^st$  - 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)

210 POWELL DR SUMMERVILLE, SC US 29483

Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

Report Id: PETSUM [WUSCAR] 06220278 (Generated: 06/30/2024 18:58:57) Rev: 1

Contact/Location: AJAY EL - PETSUM