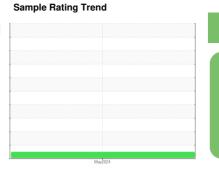


## **FUEL REPORT**

# QTS ATLANTA GA DC1 [4649] [QTS ATLANTA GA DC1] GC9

**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 ASTM D975 specifications for No.2 ultra-low-sulfur diesel fuel.

#### Corrosion

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

#### Contaminants

There is a moderate amount of particulates present in the fuel. 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.

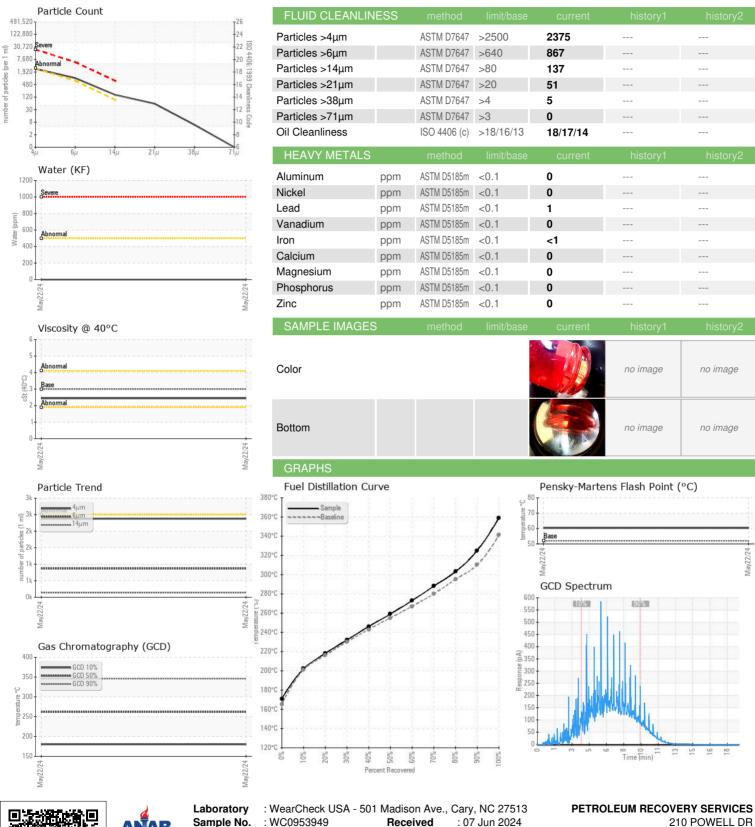
#### **Fuel Condition**

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

R) (3500 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	IATION		IIIIIIIIIIII		,	•
Sample Number		Client Info		WC0953949		
Sample Date	bro	Client Info		22 May 2024 0		
Machine Age Sample Status	hrs	Client inio		NORMAL		
				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.44		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	60.3		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	171		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86	201	202		
15% Distillation Point	°C	ASTM D86		210		
20% Distill Point	°C	ASTM D86	216	218		
30% Distill Point	°C	ASTM D86	230	232		
40% Distill Point	°C	ASTM D86	243	246		
50% Distill Point	°C	ASTM D86	255	259		
60% Distill Point	°C	ASTM D86	267	273		
70% Distill Point	°C	ASTM D86	280	288		
80% Distill Point	°C	ASTM D86	295	303		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point	°C	ASTM D86		344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	ΓΥ	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	2		
Water	%	ASTM D6304	< 0.05	0.00		
ppm Water	ppm	ASTM D6304	<500	0		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



## **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number : 06204081 Unique Number : 11071542

: WC0953949

**Tested** : 17 Jun 2024 Diagnosed

: 17 Jun 2024 - Elizabeth Valachovic

Test Package : DF-2 (Additional Tests: Fuel, 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) US 29483

SUMMERVILLE, SC

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