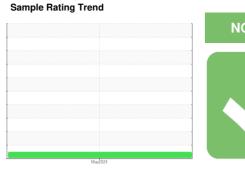


## **FUEL REPORT**

# QTS ATLANTA GA DC1 [4645] [QTS ATLANTA GA DC1] GC5

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUR)





### 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. 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.

) (3500 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953942		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
uel Color	text	*Visual Screen	Yllow	Red		
STM Color	scalar	*ASTM D1500		L4.5		
/isc @ 40°C	cSt	ASTM D445	3.0	2.5		
ensky-Martens Flash Point	°C	*PMCC Calculated	52	59.7		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		8		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D86	165	170		
% Distillation Point	°C	ASTM D86		192		
0% Distill Point	°C	ASTM D86	201	202		
5% Distillation Point	°C	ASTM D86		210		
0% Distill Point	°C	ASTM D86	216	218		
80% Distill Point	°C	ASTM D86	230	233		
10% Distill Point	°C	ASTM D86	243	247		
60% Distill Point	°C	ASTM D86	255	260		
60% Distill Point	°C	ASTM D86	267	274		
'0% Distill Point	°C	ASTM D86	280	288		
30% Distill Point	°C	ASTM D86	295	304		
5% Distillation Point	°C	ASTM D86	200	315		
00% Distill Point	°C	ASTM D86	310	326		
15% Distillation Point	°C	ASTM D86	010	344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36		
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		
Vater	%	ASTM D6304	< 0.05	0.001		
pm Water	ppm	ASTM D6304	<500	2		
6 Gasoline	%	*In-House	< 0.50	0.0		
/ Pindingal	0/	*In I louge	-20.0	0.0		

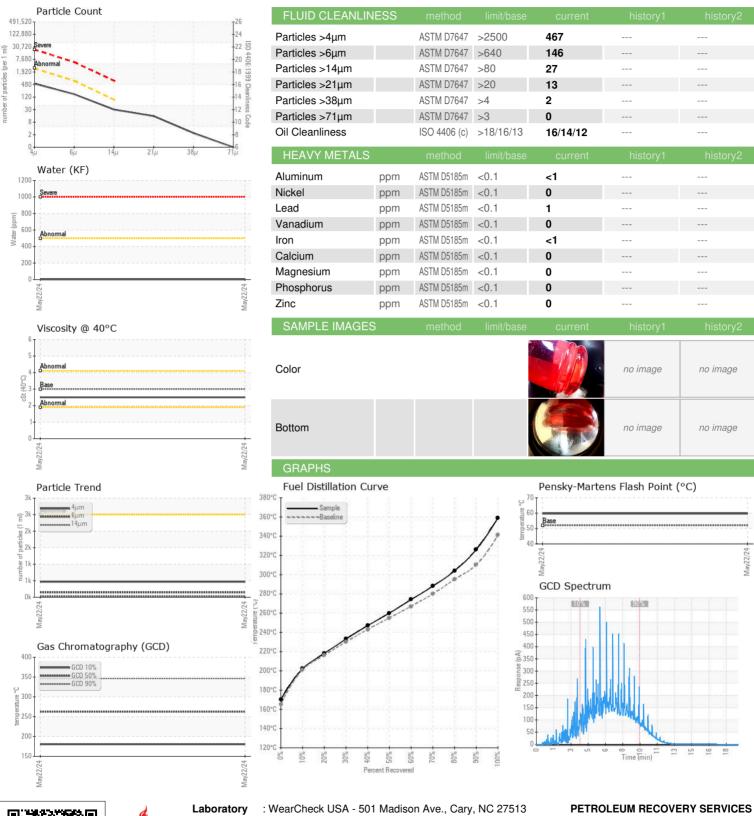
\*In-House <20.0

0.0

% Biodiesel



## **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number : 06204074 Unique Number : 11071535

: WC0953942

Received : 07 Jun 2024 Tested Diagnosed Test Package : DF-2 (Additional Tests: Fuel, Screen)

: 14 Jun 2024

: 14 Jun 2024 - Elizabeth Valachovic

210 POWELL DR SUMMERVILLE, SC US 29483 Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

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)