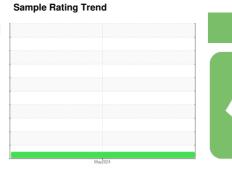


## **FUEL REPORT**

# QTS ATLANTA GA DC2 [17639] [QTS ATLANTA GA DC2] E4

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUI





### 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.

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(9000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953871		
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
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.54		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	58.8		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		6		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D86	165	169		
5% Distillation Point	°C	ASTM D86	100	195		
10% Distill Point	°C	ASTM D86	201	206		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86	216	222		
30% Distill Point	°C	ASTM D86	230	237		
10% Distill Point	°C	ASTM D86	243	249		
50% Distill Point	°C	ASTM D86	255	262		
60% Distill Point	°C	ASTM D86	267	276		
70% Distill Point	°C	ASTM D86	280	289		
30% Distill Point	°C	ASTM D86	295	304		
35% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point		ASTM D86	0.0	344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALITY		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	0		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	2		
Water	%	ASTM D6304	< 0.05	0.001		
opm Water	ppm	ASTM D6304	<500	11		
% Gasoline	%	*In-House	< 0.50	2.3		
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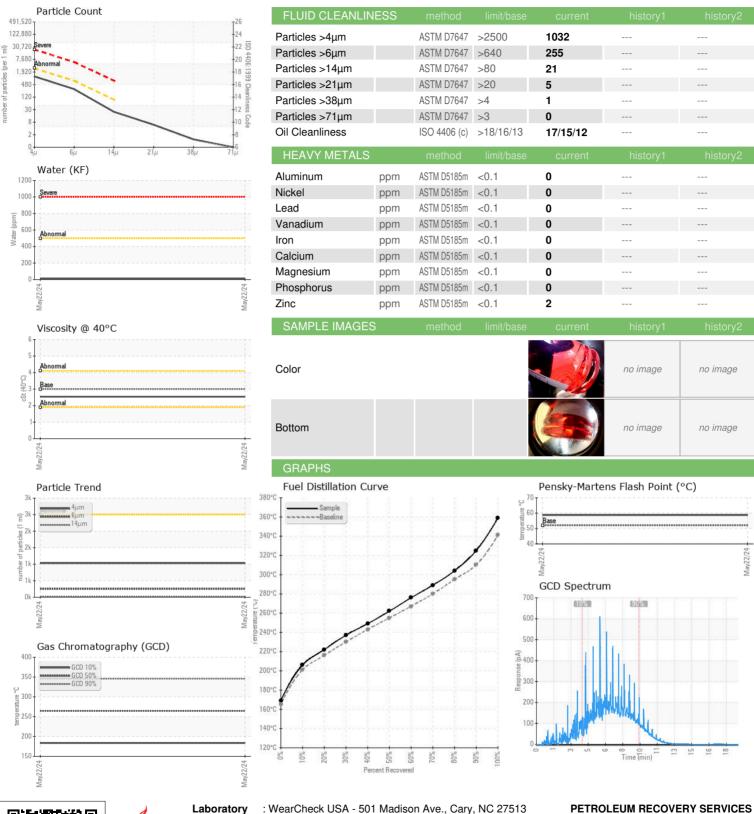
\*In-House <20.0

0.0

% Biodiesel



## **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number

: WC0953871 : 06202372

Unique Number : 11069833

Received : 07 Jun 2024 Tested Diagnosed

: 13 Jun 2024 : 13 Jun 2024 - Doug Bogart

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.

210 POWELL DR SUMMERVILLE, SC

US 29483 Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

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