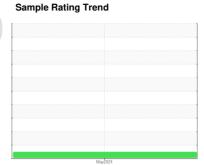


## **FUEL REPORT**

# QTS ATLANTA GA DC2 [4810] [QTS ATLANTA GA DC2] C4

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUI





# DIAGNOSIS Recommendation

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

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

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) (9000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953896		
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		
/isc @ 40°C	cSt	ASTM D445	3.0	2.44		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.9		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453	10	8		
DISTILLATION	Pless	method	limit/base	current	history1	history2
						Thotoryz
nitial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86	004	192		
0% Distill Point	°C	ASTM D86	201	202		
5% Distillation Point	°C	ASTM D86	0.1.0	210		
20% Distill Point	°C	ASTM D86	216	218		
30% Distill Point	°C	ASTM D86	230	232		
10% Distill Point	°C	ASTM D86	243	246		
50% Distill Point	°C	ASTM D86	255	260		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	288		
30% Distill Point	°C	ASTM D86	295	304		
35% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point		ASTM D86	0.44	345		
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	0		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	2		
Vater	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	<500	16		
% Gasoline	%	*In-House	< 0.50	0.0		

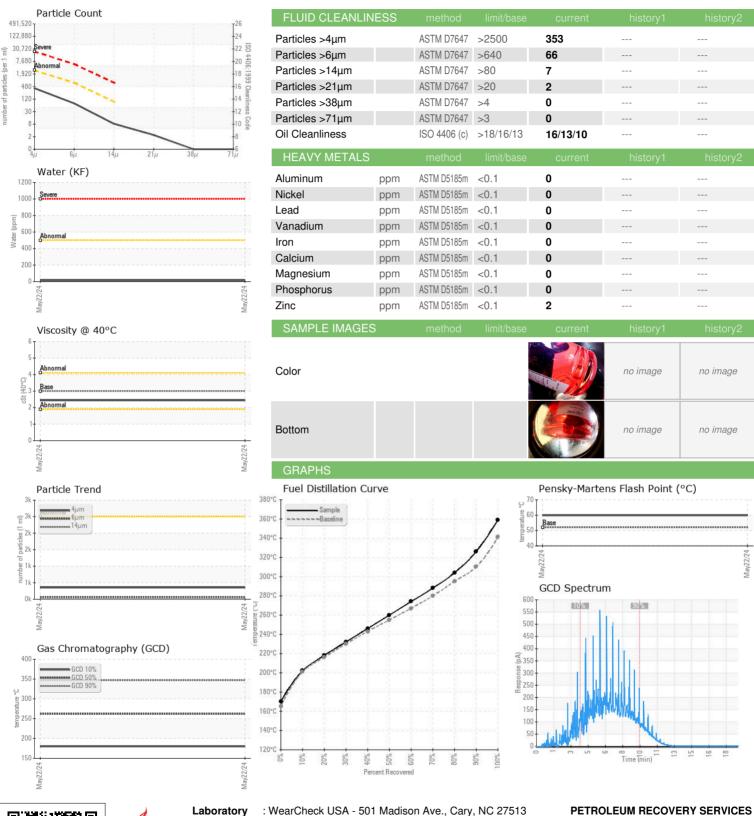
\*In-House <20.0

0.0

% Biodiesel



### **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number : 06202393 Unique Number : 11069854

: WC0953896 Received

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

: 13 Jun 2024

: 13 Jun 2024 - Doug Bogart

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

210 POWELL DR

SUMMERVILLE, SC