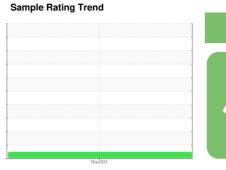


# **FUEL REPORT**

# QTS ATLANTA GA DC1 [4761] [QTS ATLANTA GA DC1] GF2

**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**

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.

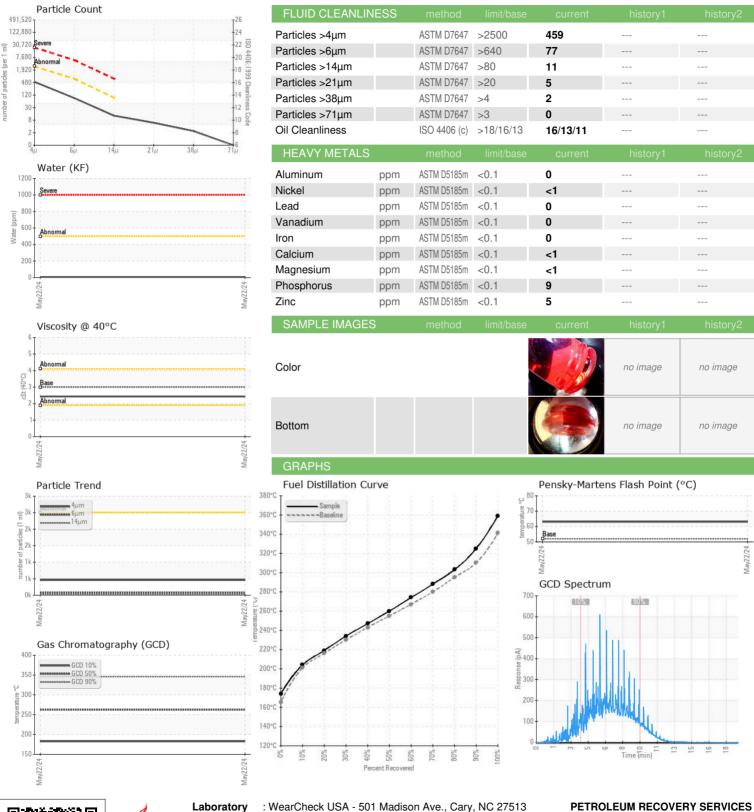
### **Fuel Condition**

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

(4200 GAL)				May/2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953929		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status	1110			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	2.43		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	63.1		
SULFUR CONTEN	٧T	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	3		
Sulfur (UVF)	ppm	ASTM D5453		8		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D86	165	174		
5% Distillation Point	°C	ASTM D86		195		
10% Distill Point	°C	ASTM D86	201	204		
15% Distillation Point	°C	ASTM D86		212		
20% Distill Point	°C	ASTM D86	216	219		
30% Distill Point	°C	ASTM D86	230	234		
40% Distill Point	°C	ASTM D86	243	247		
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	303		
35% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	325		
95% Distillation Point	°C	ASTM D86	010	344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	49		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	< 0.1	2		
Potassium	ppm	ASTM D5185m	<0.1	2		
Water	%	ASTM D6304	< 0.05	0.001		
opm Water	ppm	ASTM D6304	<500	7		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



# **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number

: WC0953929 : 06203224 Unique Number : 11070685

Received **Tested** Diagnosed

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)

: 07 Jun 2024

: 13 Jun 2024

: 13 Jun 2024 - Elizabeth Valachovic

Report Id: PETSUM [WUSCAR] 06203224 (Generated: 06/15/2024 08:23:05) Rev: 1

Contact/Location: AJAY EL - PETSUM