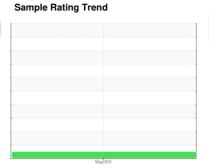


# **FUEL REPORT**

**QTS CHICAGO** [QTS CHICAGO] GEN B2

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUF





### Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel.

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.

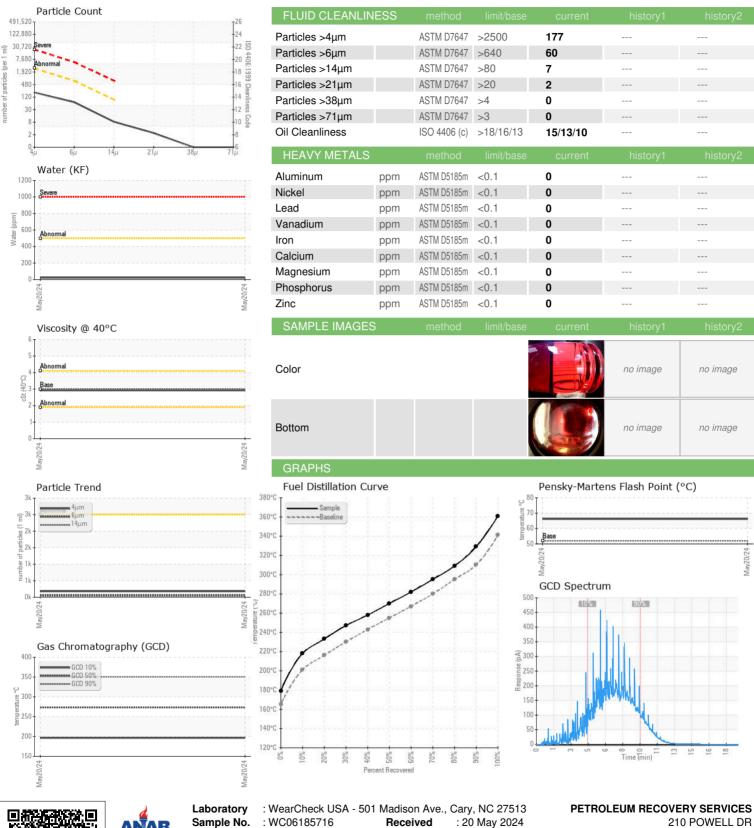
### **Fuel Condition**

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

R) (5000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06185716		
Sample Date		Client Info		20 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	2.92		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	66.2		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	179		
5% Distillation Point	°C	ASTM D86		207		
10% Distill Point	°C	ASTM D86	201	218		
15% Distillation Point	°C	ASTM D86		226		
20% Distill Point	°C	ASTM D86	216	233		
30% Distill Point	°C	ASTM D86	230	247		
40% Distill Point	°C	ASTM D86	243	258		
50% Distill Point	°C	ASTM D86	255	270		
60% Distill Point	°C	ASTM D86	267	282		
70% Distill Point	°C	ASTM D86	280	295		
80% Distill Point	°C	ASTM D86	295	309		
85% Distillation Point	°C	ASTM D86		319		
90% Distill Point	°C	ASTM D86	310	329		
95% Distillation Point	°C	ASTM D86		346		
Final Boiling Point	°C	ASTM D86	341	361		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	32		
Cetane Index		ASTM D4737	<40.0	43		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	< 0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	<500	22		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



## **FUEL REPORT**







Sample No.

Lab Number : 06185716

: WC06185716 Unique Number : 11037042

Received **Tested** Diagnosed

: 28 May 2024

: 28 May 2024 - Sean Felton

Test Package : DF-2 (Additional Tests: Fuel, Screen) Certificate 12367 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)

Contact/Location: AJAY EL - PETSUM

US 29483

SUMMERVILLE, SC

Contact: AJAY EL

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