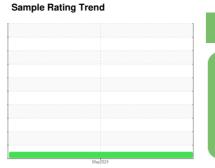


# **FUEL REPORT**

# QTS ATLANTA GA DC2 [4800] [QTS ATLANTA GA DC2] B3

**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.

R) (9000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953897		
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	2.33		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	169		
5% Distillation Point	°C	ASTM D86		191		
10% Distill Point	°C	ASTM D86	201	200		
15% Distillation Point	°C	ASTM D86		207		
20% Distill Point	°C	ASTM D86	216	214		
30% Distill Point	°C	ASTM D86	230	227		
40% Distill Point	°C	ASTM D86	243	240		
50% Distill Point	°C	ASTM D86	255	253		
60% Distill Point	°C	ASTM D86	267	268		
70% Distill Point	°C	ASTM D86	280	283		
80% Distill Point	°C	ASTM D86	295	300		
85% Distillation Point	°C	ASTM D86		312		
90% Distill Point	°C	ASTM D86	310	323		
95% Distillation Point	°C	ASTM D86	0.0	342		
Final Boiling Point	°C	ASTM D86	341	358		
IGNITION QUALI	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	47		
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	0.003		
ppm Water	ppm	ASTM D6304	<500	30		
% Gasoline	%	*In-House	< 0.50	0.0		
9/ Pindingal	0/	*In House	10.00	0.0		

\*In-House <20.0

0.0

% Biodiesel



# **FUEL REPORT**







Certificate 12367

Report Id: PETSUM [WUSCAR] 06202356 (Generated: 06/15/2024 06:59:19) Rev: 1

Sample No.

Lab Number

: WC0953897 : 06202356 Unique Number: 11069817

Received

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

**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.

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)

Contact/Location: AJAY EL - PETSUM