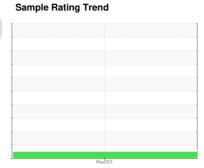


# **FUEL REPORT**

# QTS SUWANEE DC1 [17705] [QTS SUWANEE DC1] K11

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUR





## 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

There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. 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.

) (4000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953839		
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
uel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
/isc @ 40°C	cSt	ASTM D445	3.0	2.53		
ensky-Martens Flash Point	°C	*PMCC Calculated	52	61.7		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		12		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D86	165	173		
% Distillation Point	°C	ASTM D86		196		
0% Distill Point	°C	ASTM D86	201	206		
5% Distillation Point	°C	ASTM D86		214		
0% Distill Point	°C	ASTM D86	216	222		
0% Distill Point	°C	ASTM D86	230	236		
0% Distill Point	°C	ASTM D86	243	249		
60% Distill Point	°C	ASTM D86	255	262		
60% Distill Point	°C	ASTM D86	267	276		
'0% Distill Point	°C	ASTM D86	280	289		
0% Distill Point	°C	ASTM D86	295	304		
5% Distillation Point	°C	ASTM D86		314		
00% Distill Point	°C	ASTM D86	310	325		
5% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALIT	ГΥ	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	<1		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	2		
Vater	%	ASTM D6304	< 0.05	0.003		
pm Water	ppm	ASTM D6304	<500	29		
% Gasoline	%	*In-House	< 0.50	0.0		
/ Piodiocal	0/	*In House	-20.0	0.0		

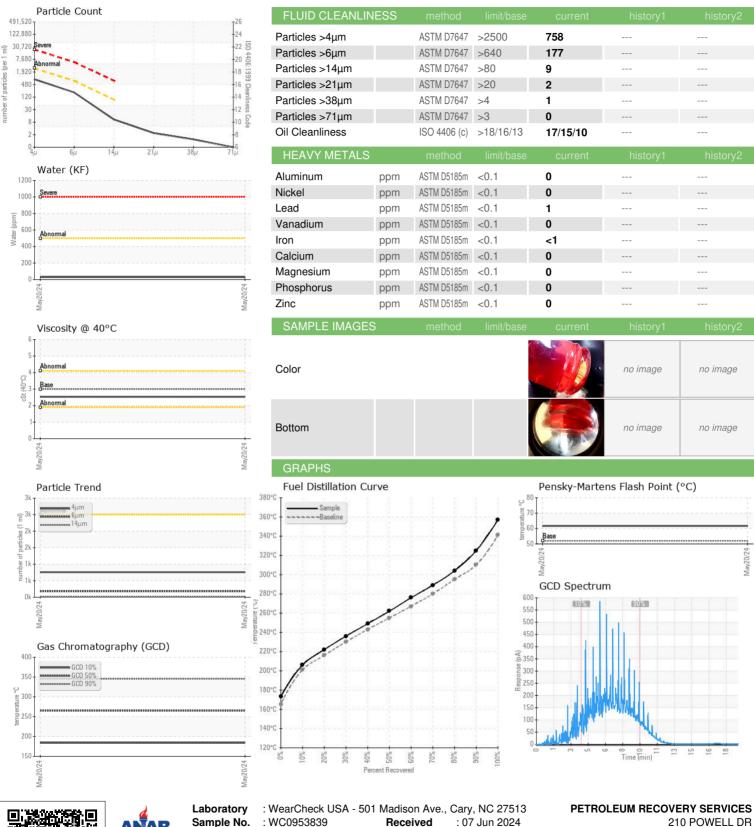
\*In-House <20.0

0.0

% Biodiesel



## **FUEL REPORT**







Certificate 12367

Report Id: PETSUM [WUSCAR] 06204054 (Generated: 06/15/2024 09:41:47) Rev: 1

Sample No.

Lab Number : 06204054 Unique Number : 11071515

: WC0953839

 $^st$  - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Received **Tested** Diagnosed

: 14 Jun 2024 Test Package : DF-2 (Additional Tests: Fuel, Screen)

: 14 Jun 2024 - Elizabeth Valachovic

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

SUMMERVILLE, SC

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

Contact/Location: AJAY EL - PETSUM