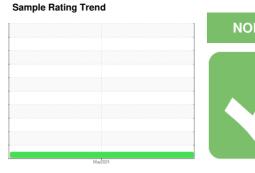


FUEL REPORT

QTS SUWANEE DC2 [17768] **[QTS SUWANEE DC2] TANK 16**

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (3000 GAL)





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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.

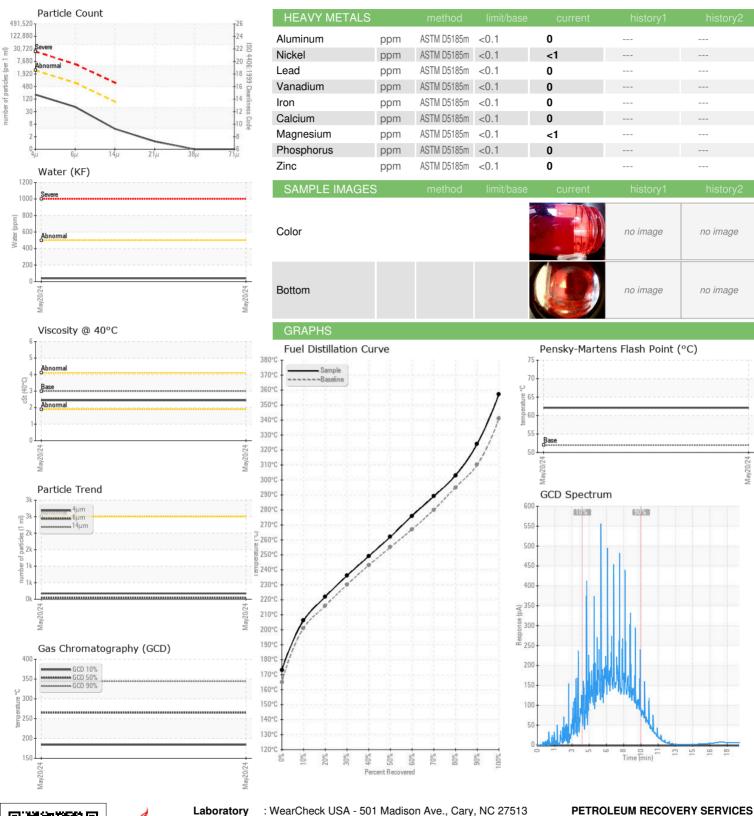
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

) (3000 GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0953850		
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		
/isc @ 40°C	cSt	ASTM D445	3.0	2.44		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	62.1		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		24		
DISTILLATION		method	limit/base	current	history1	history2
nitial Boiling Point	°C	ASTM D86	165	173		
5% Distillation Point	°C	ASTM D86		196		
10% Distill Point	°C	ASTM D86	201	206		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86	216	222		
30% Distill Point	°C	ASTM D86	230	236		
10% Distill Point	°C	ASTM D86	243	249		
50% Distill Point	°C	ASTM D86	255	262		
60% Distill Point	°C	ASTM D86	267	276		
70% Distill Point	°C	ASTM D86	280	289		
80% Distill Point	°C	ASTM D86	295	303		
35% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86	310	324		
95% Distillation Point	°C	ASTM D86	010	342		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALIT		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	0		
Sodium	ppm	ASTM D5185m	<0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	1		
Nater	%	ASTM D6304	< 0.05	0.003		
opm Water	ppm	ASTM D6304	< 500	39		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	174		
Particles >6µm		ASTM D7647	>640	45		
Particles >14μm		ASTM D7647	>80	4		
Particles >21μm		ASTM D7647	>20	1		
Particles >38µm		ASTM D7647	>4	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	15/13/9	t/Loeation: AJAY	ELPETSU



FUEL REPORT







Certificate 12367

Laboratory Sample No.

: WC0953850 Lab Number : 06205278 Unique Number : 11072739

Received : 10 Jun 2024 **Tested**

: 18 Jun 2024 Diagnosed : 18 Jun 2024 - Elizabeth Valachovic

Test Package : DF-2 (Additional Tests: Fuel, Screen) To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

210 POWELL DR

SUMMERVILLE, SC US 29483 Contact: AJAY EL Ajay@prsfuel.com

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