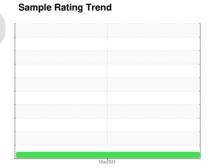


FUEL REPORT

QTS SUWANEE DC2 [17753] [QTS SUWANEE DC2] G1-1

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (8000 GAL)





DIAGNOSIS	SAMPLE INFORM	MATION	method		
Recommendation	Sample Number		Client Info		WC0953867
No corrective action is recommended at this time.	Sample Date		Client Info		20 May 2024
All laboratory tests indicate that this sample meets	Machine Age	hrs	Client Info		0
specifications for No.2 low-sulfur diesel fuel.	Sample Status				NORMAL
Corrosion All metal levels are normal indicating no corrosion	PHYSICAL PROP	PERTIES	method	limit/base	current
in the system.	Fuel Color	text	*Visual Screen	Yllow	Red
Contaminants	ASTM Color	scalar	*ASTM D1500		L4.5

Visc @ 40°C	cSt	ASTM D445	3.0	2.45		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	62.7		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		40		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	174		

DISTILLATION		memou	IIIIII/Dase	Current	HISTOLAL	HISTOLYZ
Initial Boiling Point	°C	ASTM D86	165	174		
5% Distillation Point	°C	ASTM D86		197		
10% Distill Point	°C	ASTM D86	201	207		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86	216	222		
30% Distill Point	°C	ASTM D86	230	236		
40% Distill Point	°C	ASTM D86	243	248		
50% Distill Point	°C	ASTM D86	255	261		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	288		
80% Distill Point	°C	ASTM D86	295	303		
85% Distillation Point	°C	ASTM D86		313		
90% Distill Point	°C	ASTM D86	310	324		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86	341	357		
ICNITION OLIVITA	ΓV					

IGNITION QUALI	TY	method				history2
API Gravity		ASTM D7777	37.7	36		
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	2		
Potassium	ppm	ASTM D5185m	<0.1	1		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	31		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		

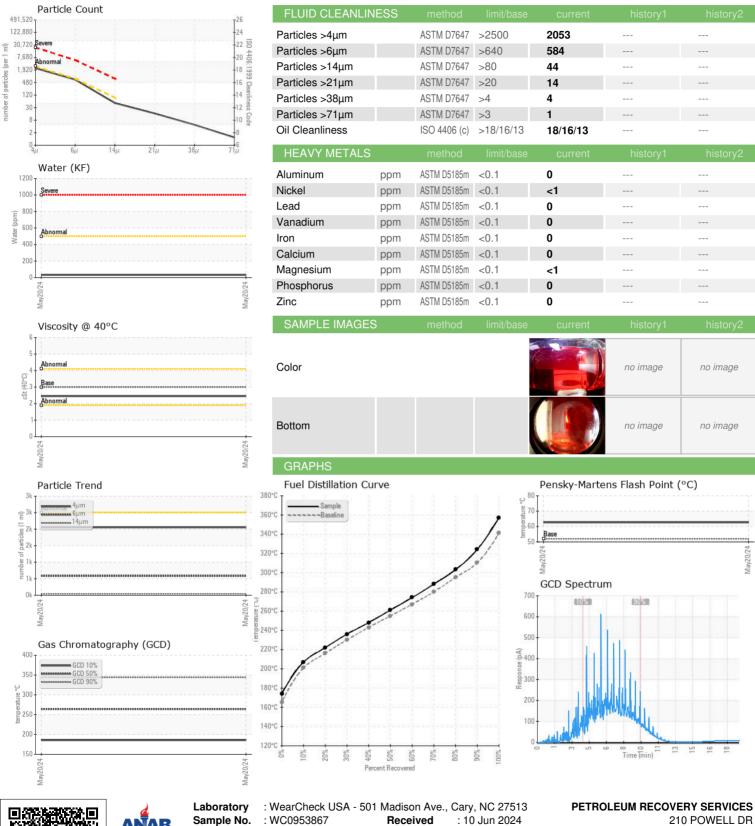
Light concentration of visible dirt/debris present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The amount and size of particulates present in the system are acceptable.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.



FUEL REPORT







Certificate 12367

Sample No.

Lab Number

: WC0953867 : 06205286

Tested Unique Number : 11072747 Diagnosed

: 18 Jun 2024

: 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

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