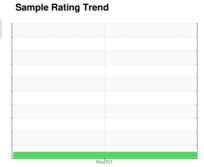


FUEL REPORT

QTS CHICAGO [QTS CHICAGO] GEN M1

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR





Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 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. There is no indication of any contamination in the fuel. The amount and size of particulates present in the system are acceptable.

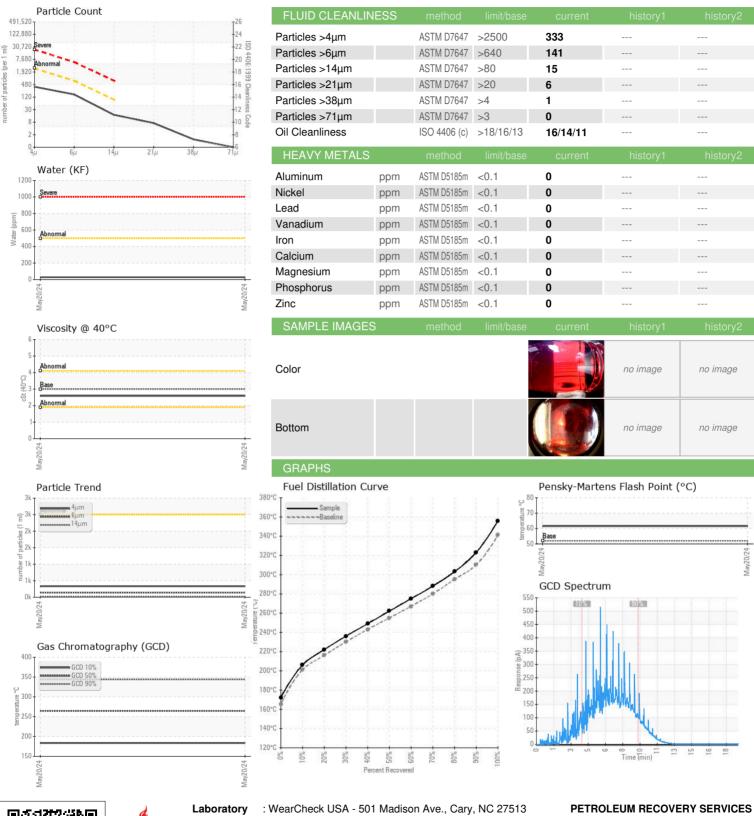
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

R) (10000 GAL)				May2024		
,						
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06185711		
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	2.59		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	61.6		
SULFUR CONTER	٧T	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		18		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	172		
5% Distillation Point	°C	ASTM D86		195		
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		
40% Distill Point	°C	ASTM D86	243	249		
50% Distill Point	°C	ASTM D86	255	262		
60% Distill Point	°C	ASTM D86	267	275		
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	323		
95% Distillation Point	°C	ASTM D86		341		
Final Boiling Point	°C	ASTM D86	341	356		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	34		
Cetane Index		ASTM D4737	<40.0	44		
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	0.003		
ppm Water	ppm	ASTM D6304	<500	28		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT







Sample No.

Lab Number : 06185711 Unique Number : 11037037

: WC06185711 Received

Tested Diagnosed Test Package: DF-2 (Additional Tests: Bacteria, Fuel, Screen)

: 20 May 2024

: 28 May 2024

: 28 May 2024 - Doug Bogart

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)

210 POWELL DR SUMMERVILLE, SC US 29483 Contact: AJAY EL

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