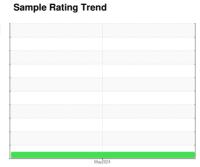


FUEL REPORT

MUSC Columbia - Downtown [MUSC Columbia - Downtown] PARKING

Diesel Fuel





No.2 DIESEL FUEL (ULTRALOW SULPHUR) (100 GAL)							
DIAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Recommendation All laboratory tests indicate that this sample meets	Sample Number		Client Info		WC06179667		
	Sample Date		Client Info		08 May 2024		
specifications for No.2 ultra- low-sulfur diesel fuel.	Machine Age	hrs	Client Info		0		
Please note that this is a corrected copy for diagnostic comment updates.	Sample Status				NORMAL		
Corrosion All metal levels are normal indicating no corrosion	PHYSICAL PROP	ERTIES	method				history2
	Fuel Color	text	*Visual Screen	Yllow	Red		
in the system.	ASTM Color	scalar	*ASTM D1500		L4.0		
Contaminants	Visc @ 40°C	cSt	ASTM D445	3.0	2.34		
The water content is negligible. There is no bacteria	Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.7		
or fungus (yeast and/or mold) indicated in the sample. The amount and size of particulates present in the system are acceptable.	SULFUR CONTEN	ΝT	method	limit/base	current	history1	history2
	Sulfur	ppm	ASTM D5185m	10	0		
Fuel Condition Sulfur value derived by ASTM D5453 method for	Sulfur (UVF)	ppm	ASTM D5453		9		

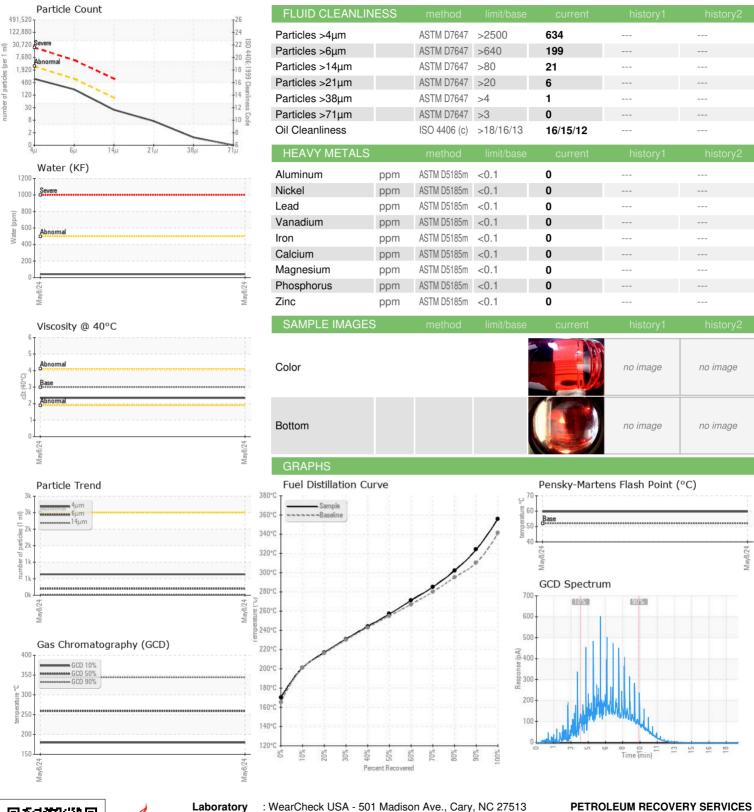
SULFUR CONTE	N I	memou	IIIIII/Dase	Current	HISTOLAL	HISTOLYZ
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86	201	201		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86	216	217		
30% Distill Point	°C	ASTM D86	230	231		
40% Distill Point	°C	ASTM D86	243	244		
50% Distill Point	°C	ASTM D86	255	257		
60% Distill Point	°C	ASTM D86	267	271		
70% Distill Point	°C	ASTM D86	280	285		
80% Distill Point	°C	ASTM D86	295	302		
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	356		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANTS		mathad	limit/bass	ourront.	historyd	biotom/0

TOTAL GOVE						
API Gravity		ASTM D7777		37		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANT	S	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	0		
Water	%	ASTM D6304	< 0.05	0.004		
ppm Water	ppm	ASTM D6304	< 500	41		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		

Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.



FUEL REPORT







Sample No.

: WC06179667 Lab Number : 06179667

Unique Number : 11030993 Test Package : DF-2 (Additional Tests: Fuel, Screen)

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)

Received

Diagnosed

Tested

: 14 May 2024

: 20 May 2024

: 20 May 2024 - Doug Bogart

210 POWELL DR SUMMERVILLE, SC US 29483

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