

FUEL REPORT

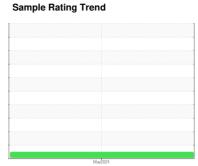
Rutherford Regional Hospital [Rutherford Regional Hospital] FIRE PUMP

Diesel Fuel

Fluid

ULSD validation.

Sulfur value derived by ASTM D5453 method for





No.2 DIESEL FUEL (ULTRALOW SULPHU	IR) (250 GAL)				May2024		
DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	
Recommendation No corrective action is recommended at this time.	Sample Number		Client Info		WC06185705		
	Sample Date		Client Info		07 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 in the system.	PHYSICAL PROP			limit/base		history1	
•	Fuel Color	text	*Visual Screen	Yllow	Red		
Contaminants	ASTM Color	scalar	*ASTM D1500		L4.5		
There is a moderate amount of particulates present	Visc @ 40°C	cSt	ASTM D445	3.0	2.42		
in the fuel. The water content is negligible. There is	Pensky-Martens Flash Point	°C	*PMCC Calculated	52	60.9		
no bacteria or fungus (yeast and/or mold) indicated in the sample.	SULFUR CONTE	NT	method	limit/base	current	history1	
Fuel Condition	Sulfur	mqq	ASTM D5185m	10	152		

Pensky-Martens Flash Point	°C	*PMCC Calculated	52	60.9		
SULFUR CONTE	٧T	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	152		
Sulfur (UVF)	ppm	ASTM D5453		121		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	171		
5% Distillation Point	°C	ASTM D86		194		
10% Distill Point	°C	ASTM D86	201	203		
15% Distillation Point	°C	ASTM D86		211		
20% Distill Point	°C	ASTM D86	216	219		
30% Distill Point	°C	ASTM D86	230	233		
40% Distill Point	°C	ASTM D86	243	247		
50% Distill Point	°C	ASTM D86	255	261		
60% Distill Point	°C	ASTM D86	267	275		
70% Distill Point	°C	ASTM D86	280	289		
80% Distill Point	°C	ASTM D86	295	304		
85% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point	°C	ASTM D86		344		
Final Boiling Point	°C	ASTM D86	341	360		
IGNITION QUALIT	Υ	method	limit/base	current	history1	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	<1		
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	45		
% Gasoline	%	*In-House	< 0.50	0.0		

*In-House <20.0

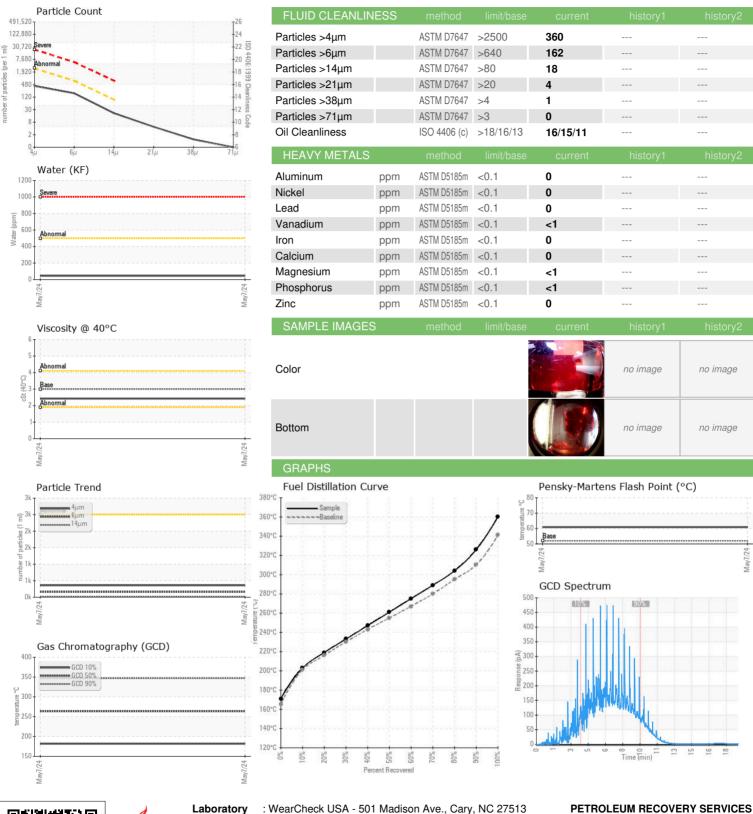
0.0

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Potassium	ppm	ASTM D5185m	<0.1	0	
Water	0/	ASTM D6304	-0.05	0.004	
vvalor	%	A5 1 W D0304	<0.05	0.004	

% Biodiesel



FUEL REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06185705 Unique Number : 11037031

: WC06185705

Received Tested Diagnosed : 20 May 2024

: 28 May 2024

: 28 May 2024 - Elizabeth Valachovic Test Package : DF-2 (Additional Tests: Fuel, Screen) 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 Ajay@prsfuel.com T: (843)225-1777

Report Id: PETSUM [WUSCAR] 06185705 (Generated: 05/28/2024 15:41:52) Rev: 1

Contact/Location: AJAY EL - PETSUM