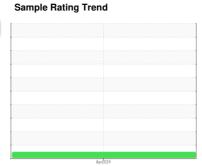


# **FUEL REPORT**

**BLDG 5615** [BLDG 5615] PETROLEUM RECOVERY BLDG 5615

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUR





## DIAGNOSIS

#### 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

There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. There is no indication of any contamination in the fuel. The amount and size of particulates present in the system are acceptable.

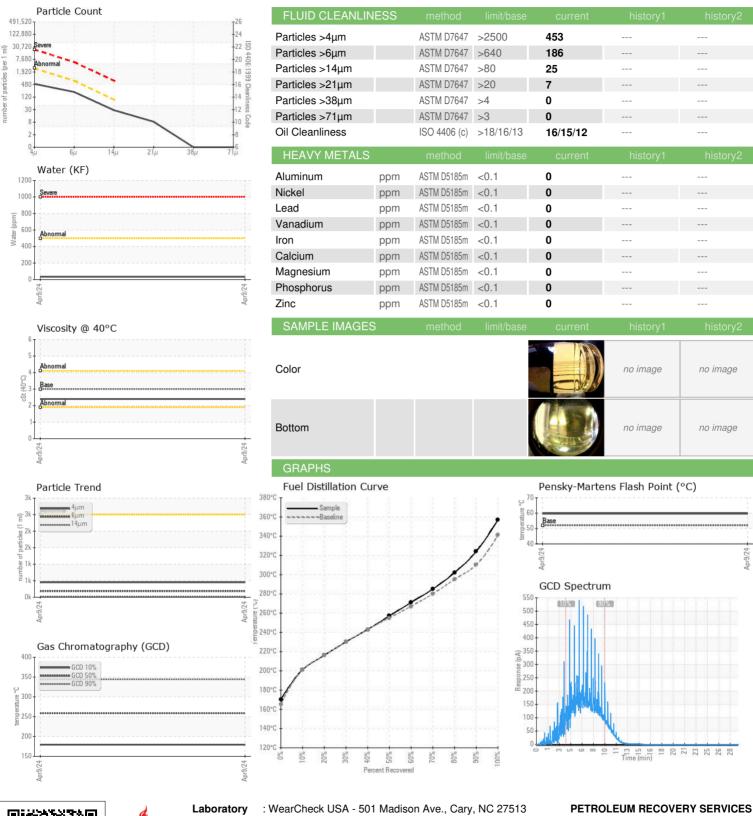
### **Fuel Condition**

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

R) ( GAL)				Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06147880		
Sample Date		Client Info		09 Apr 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	Yllow		
ASTM Color	scalar	*ASTM D1500		L3.0		
Visc @ 40°C	cSt	ASTM D445	3.0	2.4		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.7		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		10		
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		208		
20% Distill Point	°C	ASTM D86	216	216		
30% Distill Point	°C	ASTM D86	230	230		
40% Distill Point	°C	ASTM D86	243	243		
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	357		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
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	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	34		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



## **FUEL REPORT**







Sample No.

Lab Number : 06147880 Unique Number : 10977958

: WC06147880

Received : 12 Apr 2024 **Tested** Diagnosed

: 22 Apr 2024

: 22 Apr 2024 - Doug Bogart

SUMMERVILLE, SC US 29483 Contact: AJAY EL Ajay@prsfuel.com T: (843)225-1777

210 POWELL DR

Certificate 12367

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)