

# **FUEL REPORT**

# **SUMMERVILLE MEDICAL CENTER BRIGHTON ER [17863]** [SUMMERVILLE MEDICAL CENTER BRIGHTON ER] BRIGHTON

Tank Diesel Fuel

**DIESEL FUEL No. 2 (3200 GAL)** 

# Sample Rating Trend



## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel

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. 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.

				Jun2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06206050		
Sample Date		Client Info		05 Jun 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	4.1	2.44		
Pensky-Martens Flash Point	°C	*PMCC Calculated		61.7		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		13		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		173		
5% Distillation Point	°C	ASTM D86		195		
10% Distill Point	°C	ASTM D86		204		
15% Distillation Point	°C	ASTM D86		212		
20% Distill Point	°C	ASTM D86		219		
30% Distill Point	°C	ASTM D86		234		
40% Distill Point	°C	ASTM D86		247		
50% Distill Point	°C	ASTM D86		261		
60% Distill Point	°C	ASTM D86		275		
70% Distill Point	°C	ASTM D86		289		
80% Distill Point	°C	ASTM D86		305		
85% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86		326		
95% Distillation Point	°C	ASTM D86		345		
Final Boiling Point	°C	ASTM D86		361		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		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	1		
Potassium	ppm	ASTM D5185m	<0.1	1		
Water	%	ASTM D6304	< 0.05	0.004		
ppm Water	ppm	ASTM D6304	< 500	43		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



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Certificate 12367

Report Id: PETSUM [WUSCAR] 06206050 (Generated: 06/22/2024 14:40:45) Rev: 1

Sample No.

: WC06206050 Lab Number : 06206050 Unique Number : 11073511

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Received **Tested** Diagnosed

: 19 Jun 2024

: 19 Jun 2024 - Angela Borella Test Package : DF-2 (Additional Tests: Fuel, Screen) To discuss this sample report, contact Customer Service at 1-800-237-1369.

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: AJAY EL - PETSUM