

FUEL REPORT

WFBH TANK 2 50K A

Component **Diesel Fuel**

NOT GIVEN (--- GAL)

Sample Rating Trend



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.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

				Apr2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC05830569		
Sample Date		Client Info		26 Apr 2023		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.842		
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445		2.53		
Pensky-Martens Flash Point	°C	*PMCC Calculated		58		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		107		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		162		
5% Distillation Point	°C	ASTM D86		187		
10% Distill Point	°C	ASTM D86		200		
15% Distillation Point	°C	ASTM D86		210		
20% Distill Point	°C	ASTM D86		219		
30% Distill Point	°C	ASTM D86		233		
40% Distill Point	°C	ASTM D86		247		
50% Distill Point	°C	ASTM D86		260		
60% Distill Point	°C	ASTM D86		274		
70% Distill Point	°C	ASTM D86		290		
80% Distill Point	°C	ASTM D86		306		
85% Distillation Point	°C	ASTM D86		317		
90% Distill Point	°C	ASTM D86		329		
95% Distillation Point	°C	ASTM D86		349		
Final Boiling Point	°C	ASTM D86		356		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.7		
IGNITION QUALIT	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.6		
Cetane Index		ASTM D4737	<40.0	47.7		
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	0.005		
ppm Water	ppm	ASTM D6304	<500	54.3		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



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Certificate L2367

Lab Number Unique Number

: 05830569 : 10444062

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Diagnosed Test Package : DF-2 (Additional Tests: Screen)

: 04 May 2023 Diagnostician : Doug Bogart

Contact: RJ JOHANSEN

Contact/Location: RJ JOHANSEN - GAIGOL

RJJOHANSEN@GAINESOIL.COM T: (732)779-1331

* - 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)

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US 27252