

FUEL REPORT

Sample Rating Trend



SLS 62 Component **Diesel Fuel** NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Recommend pre-filtering before use. 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

There is a high amount of particulates present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible.

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		WC0798136		
Sample Date		Client Info		30 Apr 2023		
Machine Age	hrs	Client Info		0		
Sample Status	1110	Oliotic IIIIo		ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
	LITTILO		IIIIII/Dase	0.842	Thistory	HIStory2
Specific Gravity Fuel Color	tout	*ASTM D1298				
ASTM Color	text	*Visual Screen		Red		
	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445		2.44		
Pensky-Martens Flash Point	°C	*PMCC Calculated		60		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		57		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		167		
5% Distillation Point	°C	ASTM D86		191		
10% Distill Point	°C	ASTM D86		203		
15% Distillation Point	°C	ASTM D86		213		
20% Distill Point	°C	ASTM D86		219		
30% Distill Point	°C	ASTM D86		234		
40% Distill Point	°C	ASTM D86		248		
50% Distill Point	°C	ASTM D86		262		
60% Distill Point	°C	ASTM D86		276		
70% Distill Point	°C	ASTM D86		291		
80% Distill Point	°C	ASTM D86		307		
85% Distillation Point	°C	ASTM D86		316		
90% Distill Point	°C	ASTM D86		327		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86		349		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.9		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.6		
Cetane Index		ASTM D4737	<40.0	48.0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium		ASTM D5185m	<0.1	0		
Water	ppm %	ASTM D5765111	<0.1	0.005		
ppm Water		ASTM D6304	<500	55.1		
% Gasoline	ppm %	*In-House	<0.50	0.0		
% Gasoline % Biodiesel	%	*In-House	<20.0	1.9		
/o Diudiesei	70	III-mouse	<20.0	1.9		



FUEL REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: WC0798136 : 05833375

Received : 10446868

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

: 28 Apr 2023 : 12 May 2023

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)

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