

FUEL REPORT







SIS 9 - S DENISE AVE

Component **Diesel Fuel**

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Recommend pre-filtering before use. 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 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.

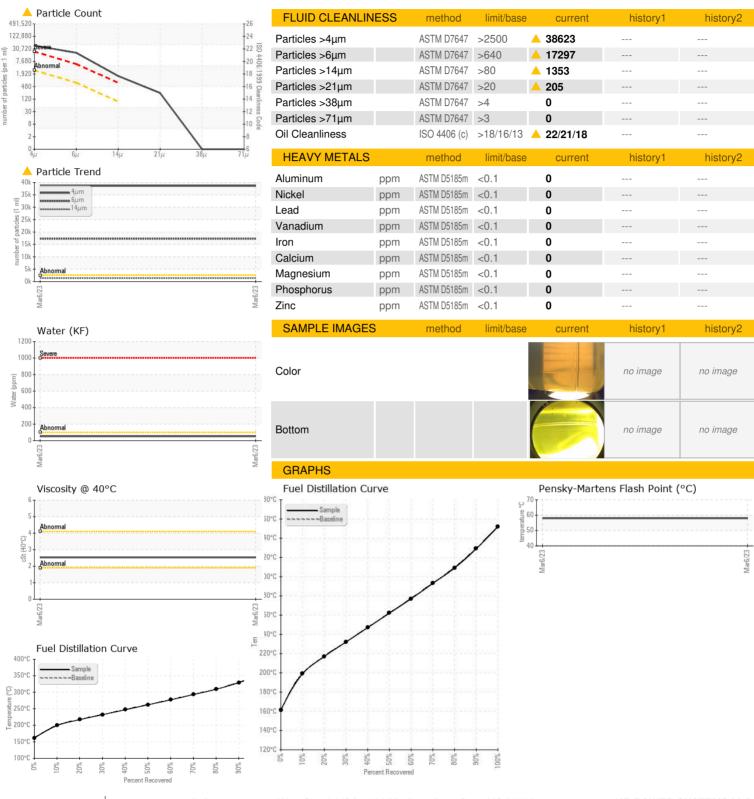
Fuel Condition

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

			1	Mar2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0798111		
Sample Date		Client Info		06 Mar 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.841		
Fuel Color	text	*Visual Screen		Yllow		
ASTM Color	scalar	*ASTM D1500		L1.5		
Visc @ 40°C	cSt	ASTM D445		2.53		
Pensky-Martens Flash Point	°C	*PMCC Calculated		58		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		161		
5% Distillation Point	°C	ASTM D86		187		
10% Distill Point	°C	ASTM D86		199		
15% Distillation Point	°C	ASTM D86		208		
20% Distill Point	°C	ASTM D86		217		
30% Distill Point	°C	ASTM D86		232		
40% Distill Point	°C	ASTM D86		247		
50% Distill Point	°C	ASTM D86		262		
60% Distill Point	°C	ASTM D86		277		
70% Distill Point	°C	ASTM D86		293		
80% Distill Point	°C	ASTM D86		309		
85% Distillation Point	°C	ASTM D86		318		
90% Distill Point	°C	ASTM D86		329		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86		352		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.6		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.8		
Cetane Index		ASTM D4737	<40.0	48.2		
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	52.8		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	3.2		



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Certificate L2367

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0798111 : 05833355

Recieved Diagnosed : 10446848

: 09 May 2023 Diagnostician : Doug Bogart

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

: 28 Apr 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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