

FUEL REPORT

Sample Rating Trend



Machine Id 1 Component Diesel Fuel Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

A Recommendation

We advise that you filter this fluid 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.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC05927964		
Sample Date		Client Info		17 Aug 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.865		
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445		2.73		
Pensky-Martens Flash Point	°C	*PMCC Calculated		62		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		11		
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DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		171		
5% Distillation Point	°C	ASTM D86		197		
10% Distill Point	°C	ASTM D86		210		
15% Distillation Point	°C	ASTM D86		221		
20% Distill Point	°C	ASTM D86		229		
30% Distill Point	°C	ASTM D86		243		
40% Distill Point	°C	ASTM D86		255		
50% Distill Point	°C	ASTM D86		267		
60% Distill Point	°C	ASTM D86		279		
70% Distill Point	°C	ASTM D86		292		
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		345		
Final Boiling Point	°C	ASTM D86		355		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		1.0		
IGNITION QUALIT	ΓY	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		32.1		
Cetane Index		ASTM D4737	<40.0	41.3		
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	0		
Water	%	ASTM D6304	<0.05	0.004		
ppm Water	ppm	ASTM D6304	<500	47.6		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



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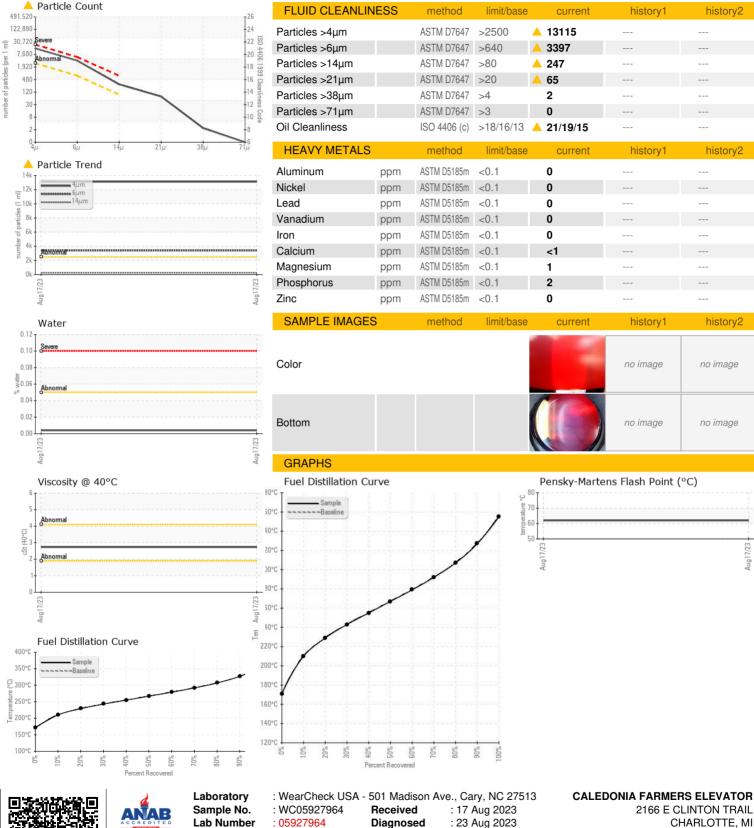
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number of particles (per 1

FUEL REPORT



: 05927964

: 10607911 Test Package : DF-2 (Additional Tests: 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.

Unique Number

Diagnostician : Doug Bogart

2166 E CLINTON TRAIL CHARLOTTE, MI US 48813 Contact: WILLIAM FISHER wfisher@cfeco.com T: (517)543-1160 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Certificate L2367

Contact/Location: WILLIAM FISHER - CFECHA

history1

history1

history2

historv2

history2

no image

no image

Aug17/23