

## **FUEL REPORT**

# Sample Rating Trend

ISO



# TRUIST WDC DG1

Component

**Bottom Diesel Fuel** 

**NOT GIVEN (--- GAL)** 

### **DIAGNOSIS**

#### 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. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

#### **Fuel Condition**

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

			•	Sep2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0863344		
Sample Date		Client Info		24 Sep 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
	LITTIEO		IIIIII DAGC			motory
Specific Gravity	tovt	*ASTM D1298		0.843		
Fuel Color ASTM Color	text	*Visual Screen *ASTM D1500		Red		
	scalar			L4.0		
Visc @ 40°C	cSt	ASTM D445		2.53		
Pensky-Martens Flash Point	°C	*PMCC Calculated		60		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		13		
Sulfur (UVF)	ppm	ASTM D5453		15		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		167		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86		203		
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		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		344		
Final Boiling Point	°C	ASTM D86		353		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		8.0		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.4		
Cetane Index		ASTM D4737	<40.0	47.9		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	<1		
Codiaiii	PP.11		1011			

0

0.003

35.3

0.0

0.0

Potassium

ppm Water

% Gasoline

% Biodiesel

Water

ppm

ppm

%

%

%

ASTM D5185m < 0.1

ASTM D6304 < 0.05

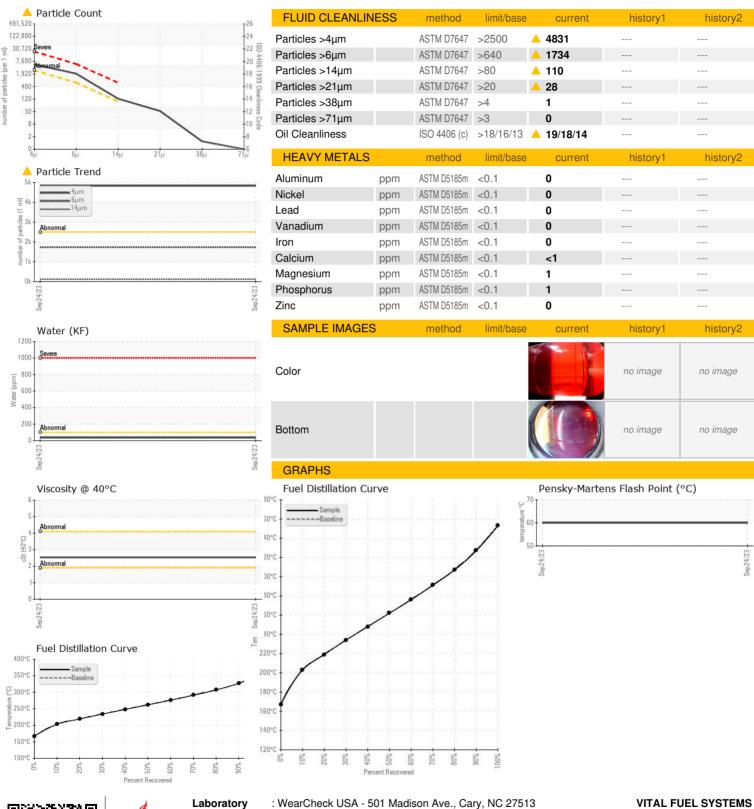
ASTM D6304 <500

\*In-House <0.50

\*In-House <20.0



### **FUEL REPORT**





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

: WC0863344 : 05959308

Received Diagnosed : 10660521

: 02 Oct 2023 Diagnostician : Doug Bogart Test Package : DF-2 ( Additional Tests: Screen )

: 22 Sep 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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