

# **FUEL REPORT**

# Sample Rating Trend







Machine Id **ZDC AST 5 6 IN Diesel Fuel** 

**DIESEL FUEL No. 2 (--- GAL)** 

### Recommendation

No corrective action is recommended at this time. All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel. Please note that this is a corrected copy for diagnostic comment updates.

## Corrosion

All metal levels are normal indicating no corrosion in the system.

### **Contaminants**

There is a moderate 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.

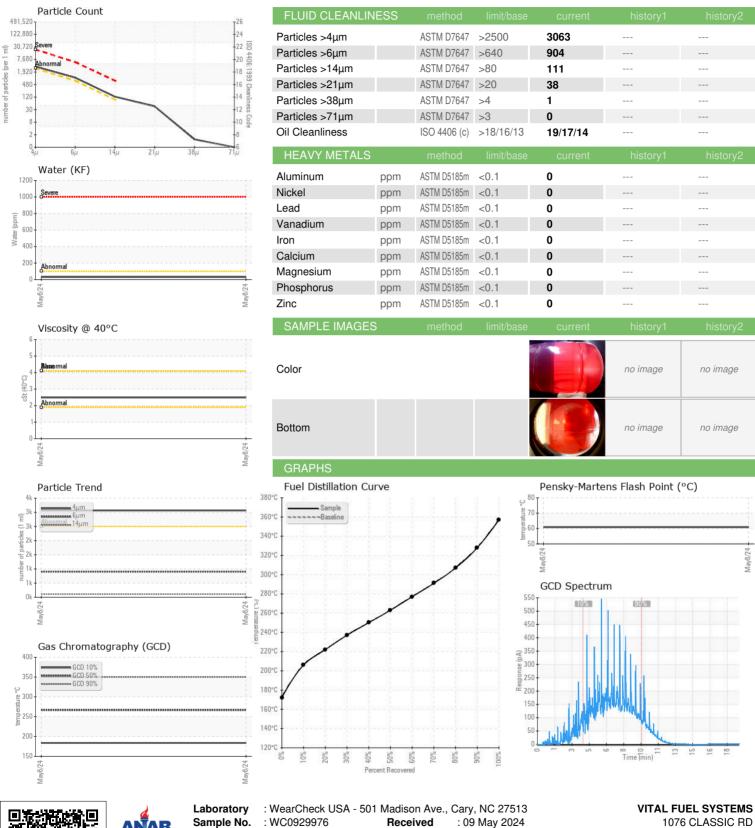
## **Fuel Condition**

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

			1	May2024		
SAMPLE INFORM	MATION	mathad	limit/base	ou wont	historyt	hiotom/0
	IATION	method	IIIIII/base	current	history1	history2
Sample Number		Client Info		WC0929976		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	4.1	2.49		
Pensky-Martens Flash Point	°C	*PMCC Calculated		60.9		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		11		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		172		
5% Distillation Point	°C	ASTM D86		195		
10% Distill Point	°C	ASTM D86		206		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86		222		
30% Distill Point	°C	ASTM D86		237		
40% Distill Point	°C	ASTM D86		250		
50% Distill Point	°C	ASTM D86		263		
60% Distill Point	°C	ASTM D86		277		
70% Distill Point	°C	ASTM D86		291		
80% Distill Point	°C	ASTM D86		307		
85% Distillation Point	°C	ASTM D86		317		
90% Distill Point	°C	ASTM D86		328		
95% Distillation Point	°C	ASTM D86		343		
Final Boiling Point	°C	ASTM D86		357		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36		
Cetane Index		ASTM D4737	<40.0	48		
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	0.003		
ppm Water	ppm	ASTM D6304	< 500	30		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	1.4		



# **FUEL REPORT**





Certificate 12367

Sample No.

Lab Number : 06174990 Unique Number : 11021043

: WC0929976

**Tested** Diagnosed

: 17 May 2024

: 11 Jun 2024 - Doug Bogart

Test Package : DF-2 (Additional Tests: Fuel, 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Contact: SERVICE

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