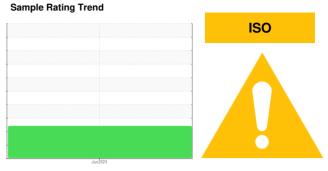


# **FUEL REPORT**

# JEA JACKSONVILLE FL [15987] [JEA JACKSONVILLE FL] GEN-0390

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (2000 GAL)



### **DIAGNOSIS**

#### Recommendation

We advise that you filter this fluid before use. All laboratory tests indicate that this sample meets specifications for No.2 low-sulfur diesel fuel.

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

### Contaminants

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

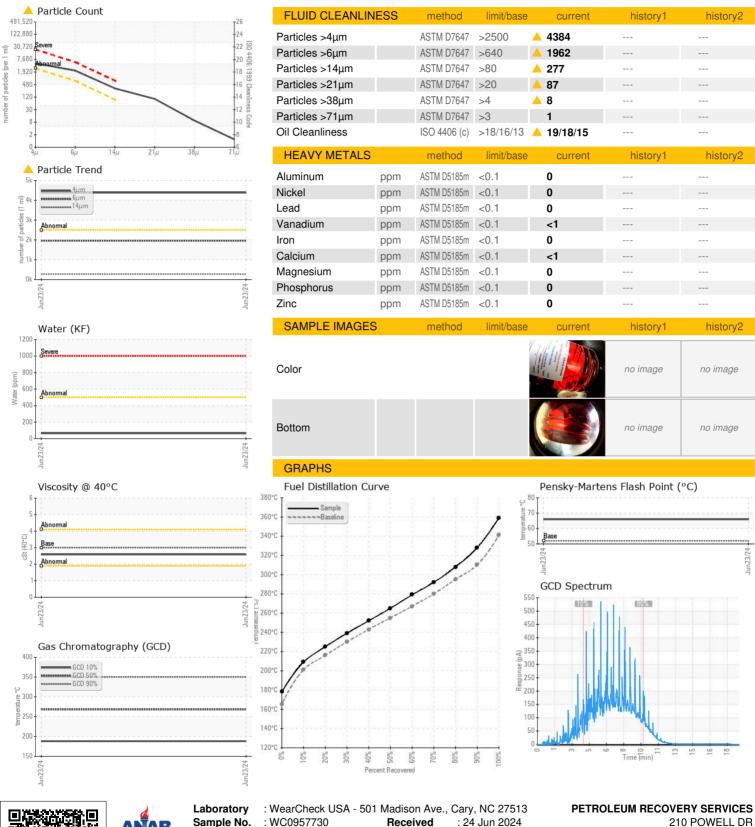
#### **Fuel Condition**

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0957730		
Sample Date		Client Info		23 Jun 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.59		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	66		
SULFUR CONTEN	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		484		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	178		
5% Distillation Point	°C	ASTM D86		200		
10% Distill Point	°C	ASTM D86	201	209		
15% Distillation Point	°C	ASTM D86		217		
20% Distill Point	°C	ASTM D86	216	225		
30% Distill Point	°C	ASTM D86	230	239		
40% Distill Point	°C	ASTM D86	243	252		
50% Distill Point	°C	ASTM D86	255	265		
60% Distill Point	°C	ASTM D86	267	279		
70% Distill Point	°C	ASTM D86	280	292		
80% Distill Point	°C	ASTM D86	295	308		
85% Distillation Point	°C	ASTM D86		318		
90% Distill Point	°C	ASTM D86	310	328		
95% Distillation Point	°C	ASTM D86		344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	ΤΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	35		
Cetane Index		ASTM D4737	<40.0	47		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	< 0.1	1		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.006		
ppm Water	ppm	ASTM D6304	<500	65		
% Gasoline	%	*In-House	< 0.50	0.0		



## **FUEL REPORT**







Certificate 12367

Sample No.

Lab Number

: WC0957730 : 06217659 Unique Number: 11090523

**Tested** Diagnosed Test Package : DF-2 (Additional Tests: Fuel, Screen)

: 26 Jun 2024

: 26 Jun 2024 - Elizabeth Valachovic

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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