

FUEL REPORT

Sample Rating Trend



4A Component **Diesel Fuel**

{not provided} (--- GAL)

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Machine Id

▲ 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.

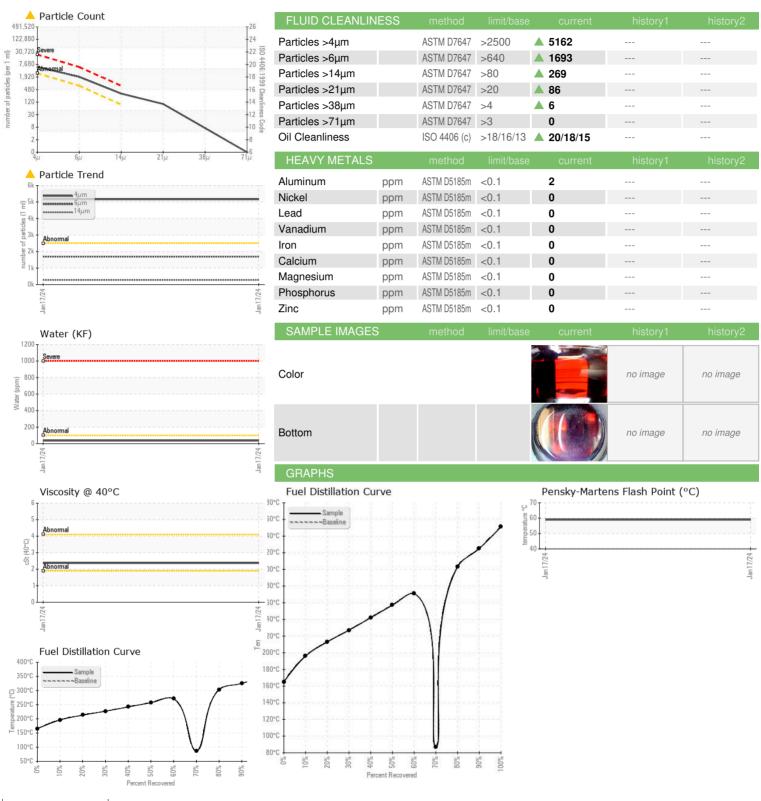
Fuel Condition

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

				Jan2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC06065258		
Sample Date		Client Info		17 Jan 2024		
Machine Age	hrs	Client Info		0		
Sample Status	1113	Oliciti iiilo		ATTENTION		
PHYSICAL PROP	ERTIES		limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.838		
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445		2.37		
Pensky-Martens Flash Point	°C	*PMCC Calculated		59		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		8		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		165		
5% Distillation Point	°C	ASTM D86		187		
10% Distill Point	°C	ASTM D86		196		
15% Distillation Point	°C	ASTM D86		205		
20% Distill Point	°C	ASTM D86		213		
30% Distill Point	°C	ASTM D86		227		
40% Distill Point	°C	ASTM D86		242		
50% Distill Point	°C	ASTM D86		257		
60% Distill Point	°C	ASTM D86		271		
70% Distill Point	°C	ASTM D86		87		
80% Distill Point	°C	ASTM D86		303		
85% Distillation Point	°C	ASTM D86		313		
90% Distill Point	°C	ASTM D86		325		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86		351		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.9		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		37.4		
Cetane Index		ASTM D4737	<40.0	48.4		
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	<1		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	36		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT





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

: WC06065258 : 06065258

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved Diagnosed : 10836640

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

: 18 Jan 2024

: 31 Jan 2024

Certificate L2367 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) **GAINES OIL COMPANY**

2346 S MAIN ST GOLDSTON, NC US 27252

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Contact: CHIP POOLE chip@gainesoil.com T: (919)898-2231

Report Id: GAIGOL [WUSCAR] 06065258 (Generated: 01/31/2024 08:36:27) Rev: 1

Contact/Location: CHIP POOLE - GAIGOL