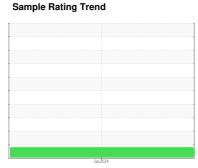


# **FUEL REPORT**



ISO



GENERAC TRINITY

Component **Diesel Fuel** 

{not provided} (--- 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.

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

## **▲** Contaminants

There is silt (particulates < 6 microns in size) present in the fuel. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible.

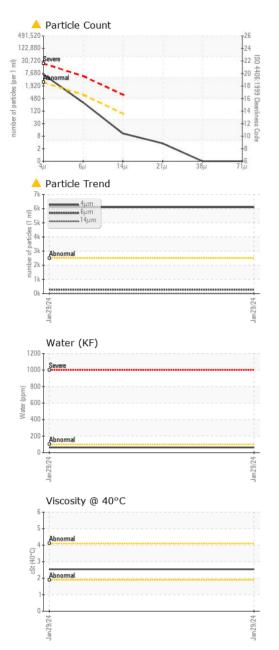
## **Fuel Condition**

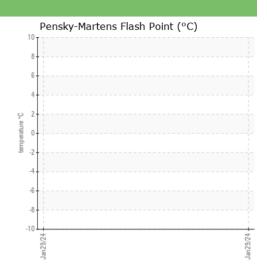
Sulfur value derived by ASTM D5453 method for ULSD validation. Sulfur level is acceptable for ULSD specification.

				Jan 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0901790		
Sample Date		Client Info		29 Jan 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445		2.54		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		2		
Sulfur (UVF)	ppm	ASTM D5453		15		
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	63		
% Gasoline	%	*In-House		0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	<b>6096</b>		
Particles >6µm		ASTM D7647	>640	274		
Particles >14µm		ASTM D7647	>80	9		
Particles >21µm		ASTM D7647	>20	3		
Particles >38µm		ASTM D7647 ASTM D7647	>4	0		
Particles >71µm Oil Cleanliness		ISO 4406 (c)	>3 >18/16/13	<b>20/15/10 20/15/10</b>		
HEAVY METALS						
Aluminum	nnm	method ASTM D5185m	limit/base <0.1	current 0	history1	history2
Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m	<0.1	<1		
Iron	ppm	ASTM D5185m	<0.1	0		
Calcium	ppm	ASTM D5185m	< 0.1	0		
Magnesium	ppm	ASTM D5185m	<0.1	0		
Phosphorus	ppm	ASTM D5185m	< 0.1	0		
Zinc	ppm	ASTM D5185m	< 0.1	0		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
9:14:52) Rev: 1				Contac	ct/Location: PAI	GE ? - CARSHE



# **FUEL REPORT**







Laboratory Sample No.

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

: WC0901790 Lab Number : 06075286 Unique Number: 10857377

Received **Tested** Diagnosed Test Package: DF-5 (Additional Tests: Screen)

: 30 Jan 2024 : 08 Feb 2024 : 08 Feb 2024 - Doug Bogart

**CAROLINA POWER SOLUTION** 445 W GROVER ST

SHELBY, NC US 28150

Contact: PAIGE paige@carolinapowersolutions.com

T: (704)481-0782 F:

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)

Contact/Location: PAIGE ? - CARSHE