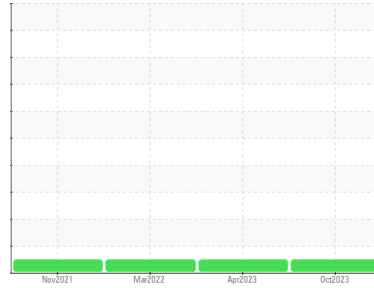




# FUEL REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**369094 - CURAHEALTH**

Component  
**Diesel Fuel**  
Fluid  
**NOT GIVEN (--- GAL)**

## DIAGNOSIS

### Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur.

### Corrosion

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

### Contaminants

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. There is no indication of any contamination in the fuel.

### Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>DC0029135</b>	DC0019308	DC0013768
Sample Date	Client Info			<b>27 Oct 2023</b>	11 Apr 2023	18 Mar 2022
Machine Age	hrs	Client Info		<b>685</b>	677	0
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		<b>L5.5</b>	L4.5	L4.0
Visc @ 40°C	cSt	ASTM D445		<b>2.34</b>	2.37	2.34

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		<b>234</b>	110	319
Sulfur (UVF)	ppm	ASTM D5453		<b>306</b>	362	328

IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D7777		<b>36.2</b>	36.2	---

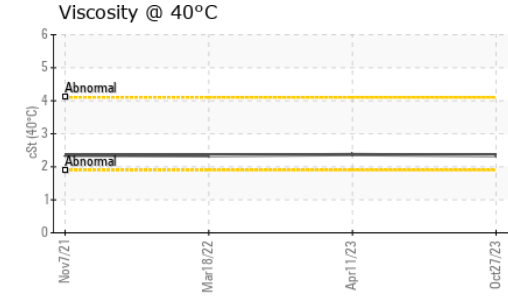
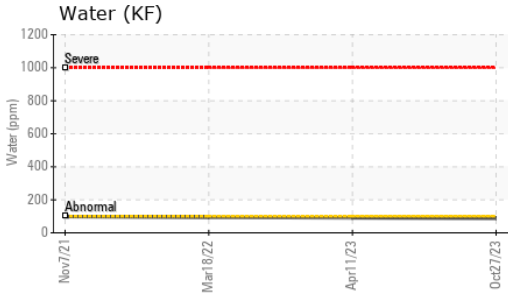
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	0	0
Sodium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	0
Potassium	ppm	ASTM D5185m	<0.1	<b>11</b>	0	0
Water	%	ASTM D6304	<0.05	<b>0.008</b>	0.009	0.009
ppm Water	ppm	ASTM D6304	<500	<b>87.6</b>	90.5	93.5
% Gasoline	%	*In-House	<0.50	<b>0.0</b>	0.0	0.0
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	0.0	0.0

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	---	3401	31926
Particles >6µm		ASTM D7647	>640	---	1209	4390
Particles >14µm		ASTM D7647	>80	---	152	278
Particles >21µm		ASTM D7647	>20	---	50	76
Particles >38µm		ASTM D7647	>4	---	3	0
Particles >71µm		ASTM D7647	>3	---	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	---	19/17/14	22/19/15

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>2</b>	0	0
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0

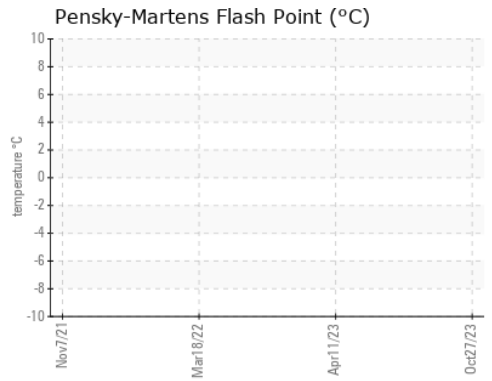


# FUEL REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0029135 **Received** : 15 Nov 2023  
**Lab Number** : 06008773 **Diagnosed** : 05 Dec 2023  
**Unique Number** : 10742535 **Diagnostician** : Doug Bogart  
**Test Package** : DF-5 ( Additional Tests: API, Cetane, Fuel, Screen )

**KELLY GENERATOR & EQUIPMENT INC**  
 1955 DALE LN  
 OWINGS, MD  
 US 20736  
 Contact: LESLIE SNURR  
 LSNURR@KGE.COM  
 T: (410)257-5225  
 F: (410)257-5227

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)