

## **FUEL REPORT**

## Area [SR3382571] ELLIOTT 1000RD BW10J047 - GEN 3

Tank Diesel Fuel

Fluid No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- QTS)

#### Recommendation

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

#### Corrosion

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

### Contaminants

The water content is negligible. There is no Bacteria, Yeast and/or Fungus indicated in the sample. There is no indication of any contamination in the fuel.

#### **Fuel Condition**

Sulfur value derived by ASTM D4294 method for ULSD validation. Sulfur level is acceptable for ULSD specification.



Sample Rating Trend



SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		DC0035916		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		963		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.45		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		11		
IGNITION QUALI		un otto o d	line it /le e e e		lata ta mut	biotom (
	Γĭ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36.6		
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	<1		
Water	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	<500	22		
% Gasoline	%	*In-House	<0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0		
Nickel	ppm	ASTM D5185m	<0.1	0		
Lead	ppm	ASTM D5185m	<0.1	0		
Vanadium	ppm	ASTM D5185m	<0.1	0		
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	3	method	limit/base	current	history1	history2
Color					no image	no image

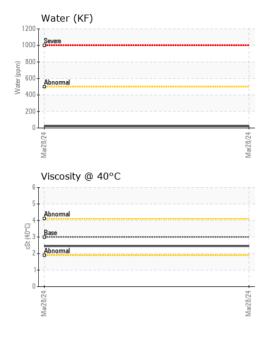
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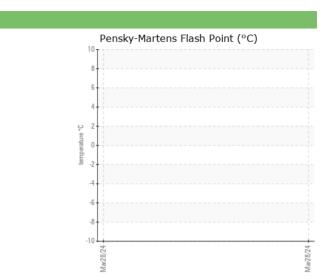
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**KELLY GENERATOR & EQUIPMENT INC** Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : DC0035916 Received : 17 Apr 2024 1955 DALE LN Lab Number : 06152461 Tested : 30 Apr 2024 OWINGS, MD Unique Number : 10982539 Diagnosed : 06 May 2024 - Doug Bogart US 20736 Test Package : DF-5 (Additional Tests: API, Cetane, Fuel, Screen) Contact: LESLIE SNURR Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. LSNURR@KGE.COM \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (410)257-5225 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (410)257-5227

Contact/Location: LESLIE SNURR - KELOWI