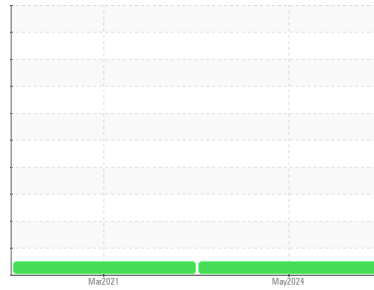




# FUEL REPORT

Sample Rating Trend



**NORMAL**



Area  
**[PMOAS3149577]**  
 Machine Id  
**2102529**  
 Component  
**Diesel Fuel**  
 Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)**

## DIAGNOSIS

### Recommendation

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

### 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 D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>DC0034686</b>	WCDF03899	---
Sample Date	Client Info			<b>13 May 2024</b>	12 Mar 2021	---
Machine Age	hrs	Client Info		<b>601</b>	357	---
Sample Status				<b>NORMAL</b>	NORMAL	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		<b>L3.0</b>	L3.0	---
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.46</b>	2.51	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	<b>35</b>	0	---
Sulfur (UVF)	ppm	ASTM D5453		<b>10</b>	27	---

IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	<b>36.9</b>	36.6	---

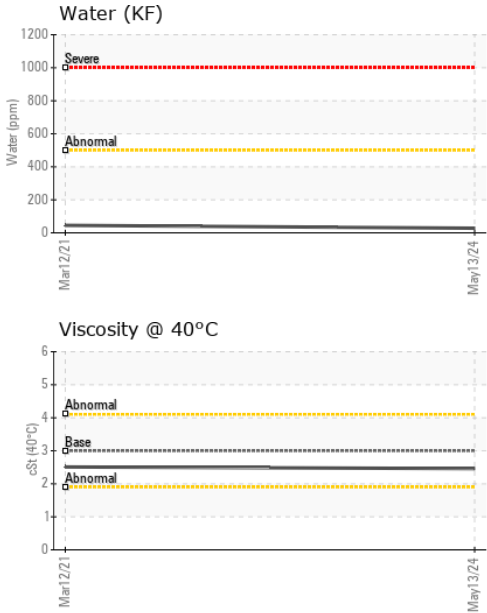
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	0	---
Sodium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	---
Potassium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	---
Water	%	ASTM D6304	<0.05	<b>0.003</b>	0.004	---
ppm Water	ppm	ASTM D6304	<500	<b>28</b>	45.5	---
% Gasoline	%	*In-House	<0.50	<b>2.1</b>	0.0	---
% Biodiesel	%	*In-House	<20.0	<b>0.0</b>	0.0	---

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

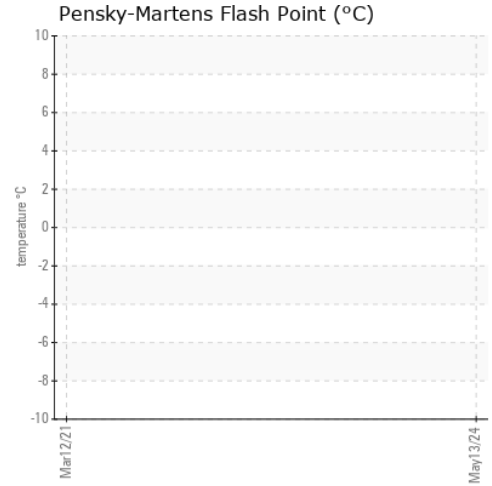
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						no image
Bottom						no image



# FUEL REPORT



## GRAPHS



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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0034686  
**Lab Number** : 06201101  
**Unique Number** : 11063224  
**Test Package** : DF-5 ( Additional Tests: API, Cetane, Fuel, PrtCount, Screen )

**Received** : 05 Jun 2024  
**Tested** : 13 Jun 2024  
**Diagnosed** : 13 Jun 2024 - Doug Bogart

**KELLY GENERATOR & EQUIPMENT INC**  
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 Contact: LESLIE SNURR  
 LSNURR@KGE.COM  
 T: (410)257-5225  
 F: (410)257-5227