

# **FUEL REPORT**

Sample Rating Trend

**NORMAL** 

Machine Id

# **KIOTI DK6010SE XGG700065**

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR

#### Recommendation

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

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. The amount and size of particulates present in the system are acceptable.

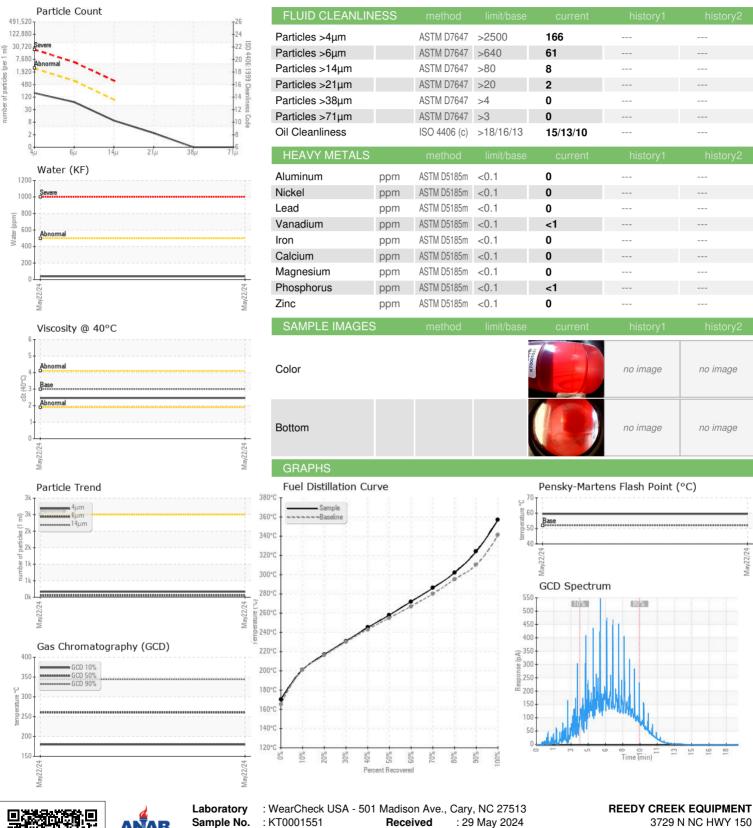
### **Fuel Condition**

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

R) ( GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0001551		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		334		
Sample Status	1115	Ollerit IIIIO		NORMAL		
PHYSICAL PROP	FRTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500	0.0	L5.0		
Visc @ 40°C	cSt	ASTM D445	3.0	2.46		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.5		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		8		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	170		
5% Distillation Point	°C	ASTM D86		192		
10% Distill Point	°C	ASTM D86	201	201		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86	216	217		
30% Distill Point	°C	ASTM D86	230	231		
40% Distill Point	°C	ASTM D86	243	245		
50% Distill Point	°C	ASTM D86	255	258		
60% Distill Point	°C	ASTM D86	267	272		
70% Distill Point	°C	ASTM D86	280	286		
80% Distill Point	°C	ASTM D86	295	302		
85% Distillation Point	°C	ASTM D86		313		
90% Distill Point	°C	ASTM D86	310	324		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86	341	357		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	37		
Cetane Index		ASTM D4737	<40.0	48		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	<0.1	2		
Potassium	ppm	ASTM D5185m	<0.1	<1		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	<500	39		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
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## **FUEL REPORT**





Certificate 12367

Sample No.

Lab Number : 06194893 Unique Number : 11057016

: KT0001551

Diagnosed Test Package : DF-2 (Additional Tests: Fuel, Screen)

**Tested** 

: 12 Jun 2024

: 12 Jun 2024 - Doug Bogart

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. 3729 N NC HWY 150

LEXINGTON, NC US 27295 Contact: SERVICE MANAGER

reedycreekequip@gmail.com T: (336)787-5214

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: REELEX [WUSCAR] 06194893 (Generated: 06/12/2024 17:42:41) Rev: 1

Contact/Location: SERVICE MANAGER - REELEX