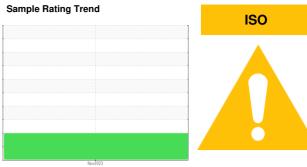


FUEL REPORT

KIOTI DK4510 JGG500036

Component **Diesel Fuel**

NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

We advise that you filter this fluid before use. 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

There is a high amount of particulates present in the fuel. The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample.

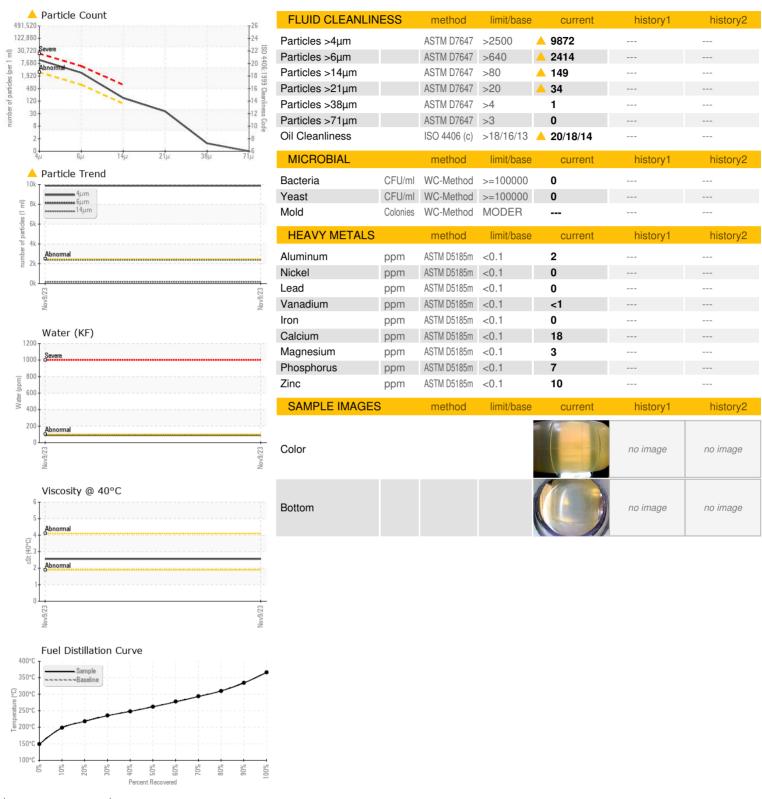
Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

				Nov2023		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0000700		
Sample Date		Client Info		09 Nov 2023		
Machine Age	hrs	Client Info		195		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.843		
Fuel Color	text	*Visual Screen		Yllow		
ASTM Color	scalar	*ASTM D1500		1.0		
Visc @ 40°C	cSt	ASTM D445		2.56		
Pensky-Martens Flash Point	°C	*PMCC Calculated		54		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		34		
Sulfur (UVF)	ppm	ASTM D5453		39		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		148		
5% Distillation Point	°C	ASTM D86		185		
10% Distill Point	°C	ASTM D86		198		
15% Distillation Point	°C	ASTM D86		209		
20% Distill Point	°C	ASTM D86		218		
30% Distill Point	°C	ASTM D86		235		
40% Distill Point	°C	ASTM D86		248		
50% Distill Point	°C	ASTM D86		262		
60% Distill Point	°C	ASTM D86		277		
70% Distill Point	°C	ASTM D86		293		
80% Distill Point	°C	ASTM D86		310		
85% Distillation Point	°C	ASTM D86		321		
90% Distill Point	°C	ASTM D86		334		
95% Distillation Point	°C	ASTM D86 ASTM D86		358 366		
Final Boiling Point Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		1.0		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.4		
Cetane Index		ASTM D4737	<40.0	47.7		
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	 11		
Water	%	ASTM D6304	< 0.05	0.009		
ppm Water	ppm	ASTM D6304	<500	90.9		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

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

: 06009252 : 10743014

: KT0000700 Received Diagnosed

: 05 Dec 2023 Diagnostician : Doug Bogart

: 15 Nov 2023

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

REEDY CREEK EQUIPMENT

3729 N NC HWY 150 LEXINGTON, NC US 27295

Contact: SERVICE MANAGER reedycreekequip@gmail.com

T: (336)787-5214 F: