

FUEL REPORT

KIOTI CK4010SE YHH1-00057

Component **Diesel Fuel**

NOT GIVEN (--- GAL)

Sample Rating Trend **NORMAL**

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.

				Sep2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0000659		
Sample Date		Client Info		26 Sep 2023		
Machine Age	hrs	Client Info		49		
Sample Status	1113	Oliciti IIIIo		NORMAL		
PHYSICAL PROP	FRTIES	method	limit/base	current	history1	history2
	LITTILO	*ASTM D1298	IIIIIIIIIIII	0.856		
Specific Gravity Fuel Color	text			Yllow		
ASTM Color		*Visual Screen *ASTM D1500		_		
	scalar			L2.0		
Visc @ 40°C	cSt	ASTM D445		2.69		
Pensky-Martens Flash Point	°C	*PMCC Calculated		68		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		8		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		180		
5% Distillation Point	°C	ASTM D86		208		
10% Distill Point	°C	ASTM D86		217		
15% Distillation Point	°C	ASTM D86		224		
20% Distill Point	°C	ASTM D86		230		
30% Distill Point	°C	ASTM D86		241		
40% Distill Point	°C	ASTM D86		252		
50% Distill Point	°C	ASTM D86		264		
60% Distill Point	°C	ASTM D86		276		
70% Distill Point	°C	ASTM D86		288		
80% Distill Point	°C	ASTM D86		302		
85% Distillation Point	°C	ASTM D86		310		
90% Distill Point	°C	ASTM D86		319		
95% Distillation Point	°C	ASTM D86		331		
Final Boiling Point	°C	ASTM D86		338		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.2		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		33.8		
Cetane Index		ASTM D4737	<40.0	44.1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	0		
Potassium	ppm	ASTM D5185m	<0.1	0		
Water	%	ASTM D6304	< 0.05	0.002		
ppm Water	ppm	ASTM D6304	<500	16.4		
% Gasoline	%	*In-House	< 0.50	0.0		
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% Biodiesel

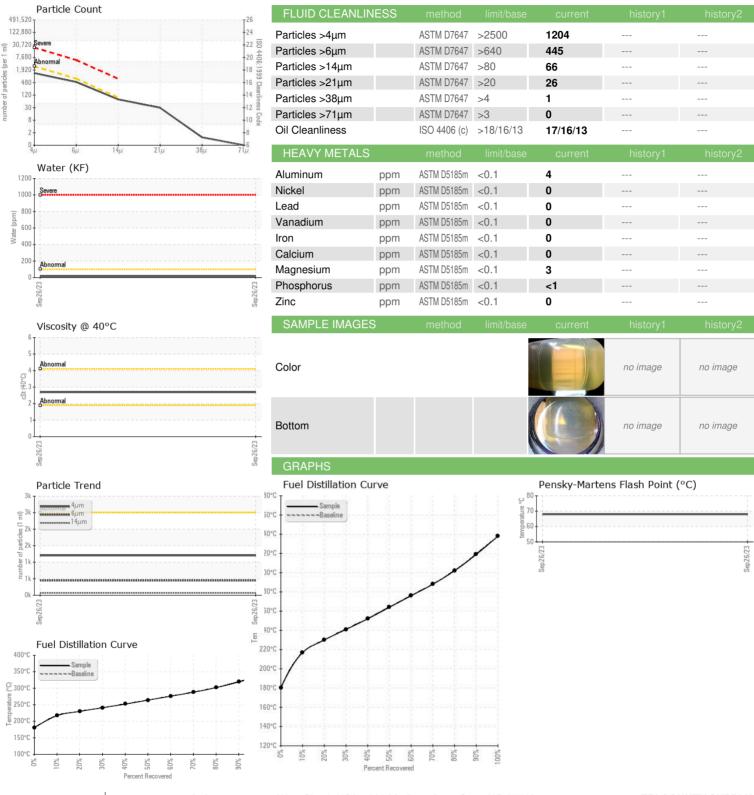
%

*In-House <20.0

3.9



FUEL REPORT





Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: KT0000659 : 05965849

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Sep 2023 : 06 Oct 2023 Diagnosed : 10672400 Diagnostician : Doug Bogart

Test Package : DF-2 (Additional Tests: 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) TRI COUNTY SUPPLY 12069 RT 16

CHAFFEE, NY US 14030

Contact: SERVICE MANAGER

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