

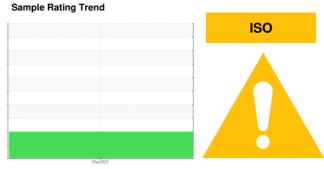
FUEL REPORT

Machine Id

KIOTI CK3510HSEB YHH300151

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (



DIAGNOSIS

Recommendation

We advise that you filter this fluid before use. 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

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

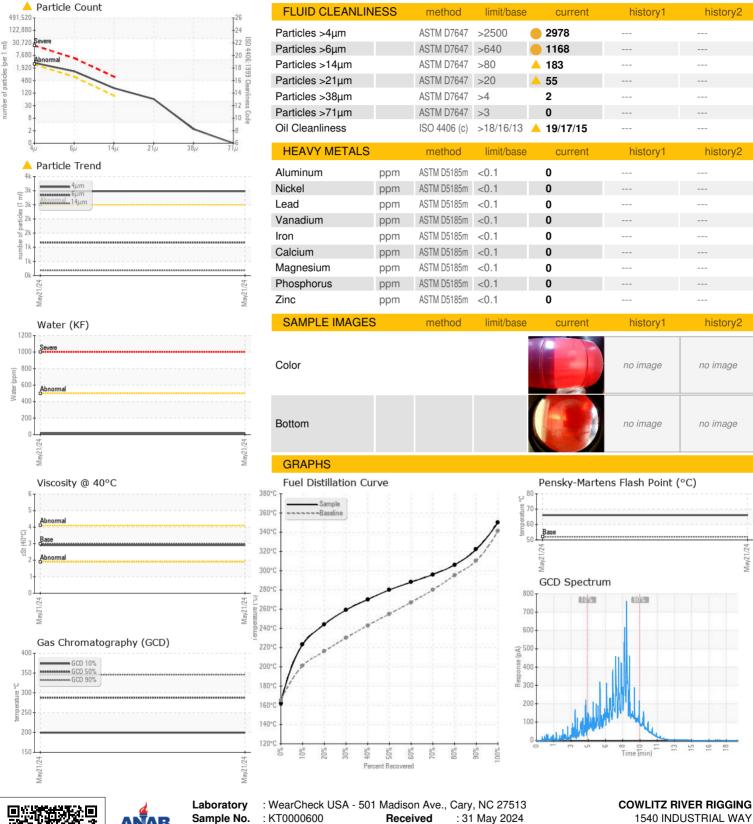
Fuel Condition

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

R) (GAL)			1	May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0000600		
Sample Date		Client Info		21 May 2024		
Machine Age	hrs	Client Info		414		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298	0.839	0.842		
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.91		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	66.1		
SULFUR CONTE	VT	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	162		
5% Distillation Point	°C	ASTM D86		205		
10% Distill Point	°C	ASTM D86	201	223		
15% Distillation Point	°C	ASTM D86		234		
20% Distill Point	°C	ASTM D86	216	244		
30% Distill Point	°C	ASTM D86	230	259		
40% Distill Point	°C	ASTM D86	243	270		
50% Distill Point	°C	ASTM D86	255	280		
60% Distill Point	°C	ASTM D86	267	288		
70% Distill Point	°C	ASTM D86	280	296		
80% Distill Point	°C	ASTM D86	295	306		
85% Distillation Point	°C	ASTM D86		312		
90% Distill Point	°C	ASTM D86	310	322		
95% Distillation Point	°C	ASTM D86		340		
Final Boiling Point	°C	ASTM D86	341	350		
Distillation Residue	%	ASTM D86	3.0	1.4		
Distillation Loss	%	ASTM D86	3.0	0.7		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36.6		
Cetane Index		ASTM D4737	<40.0	52.5		
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	17		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT







Certificate 12367

Lab Number : 06197197 Unique Number : 11059320

Tested

: 14 Jun 2024 Diagnosed

: 14 Jun 2024 - Doug Bogart

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

LONGVIEW, WA US 98632

Contact: GARRET garret@loggingsupply.com

T: (360)425-6720

Report Id: COWLON [WUSCAR] 06197197 (Generated: 06/15/2024 04:23:18) Rev: 1

Contact/Location: GARRET ? - COWLON