

FUEL REPORT

Sample Rating Trend



Machine Id

KIOTI CK2610 XL9500211

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR

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.

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.

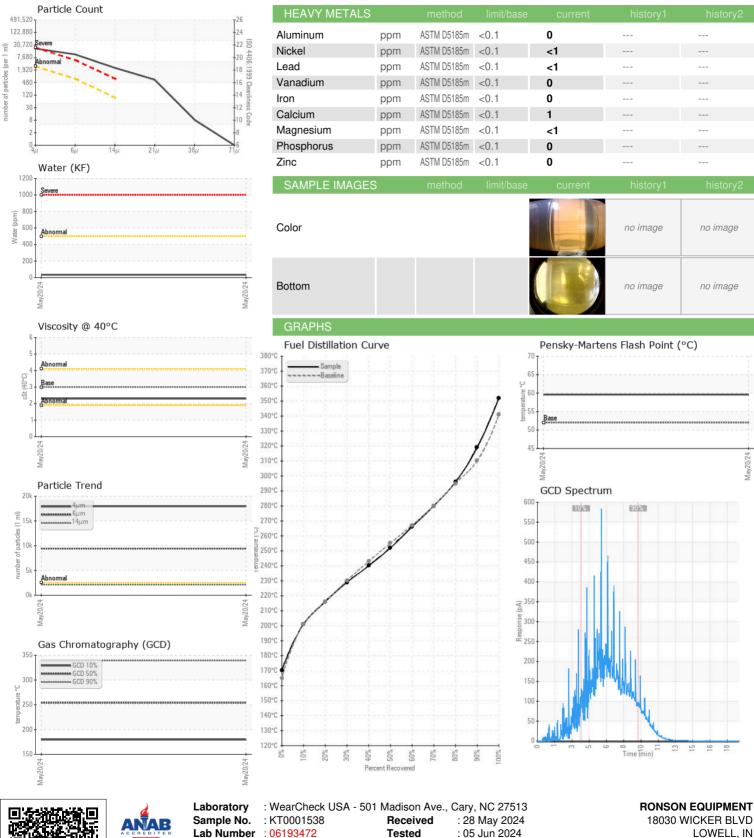
Fuel Condition

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

R) (GAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0001538		
Sample Date		Client Info		20 May 2024		
Machine Age	hrs	Client Info		57		
Sample Status	1110			NORMAL		
·	EDTIES	and the section of	12 21 /1		la talla moral	history.
PHYSICAL PROP	ERITES		limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Yllow		
ASTM Color	scalar	*ASTM D1500		L3.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.3		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	59.6		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	25		
Sulfur (UVF)	ppm	ASTM D5453		11		
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	216		
30% Distill Point	°C	ASTM D86	230	229		
40% Distill Point	°C	ASTM D86	243	240		
50% Distill Point	°C	ASTM D86	255	252		
60% Distill Point	°C	ASTM D86	267	266		
70% Distill Point	°C	ASTM D86	280	280		
80% Distill Point	°C	ASTM D86	295	296		
85% Distillation Point	°C	ASTM D86		307		
90% Distill Point	°C	ASTM D86	310	319		
95% Distillation Point	°C	ASTM D86		337		
Final Boiling Point	°C	ASTM D86	341	352		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	2		
Potassium	ppm	ASTM D5185m	< 0.1	2		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	33		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	17942		
Particles >6µm		ASTM D7647	>640	9411		
Particles >14µm		ASTM D7647	>80	2127		
Particles >21µm		ASTM D7647	>20	570		
Particles >38µm		ASTM D7647	>4	7		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	21/20/18		



FUEL REPORT







Certificate 12367

Unique Number : 11050224

Lab Number : 06193472

Tested Diagnosed

: 05 Jun 2024

: 05 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. st - 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)

Report Id: RONLOW [WUSCAR] 06193472 (Generated: 06/05/2024 08:33:08) Rev: 1

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