

FUEL REPORT

Sample Rating Trend



Machine Id

KIOTI CS2210 H061596 (S/N XY8200472)

Component 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.

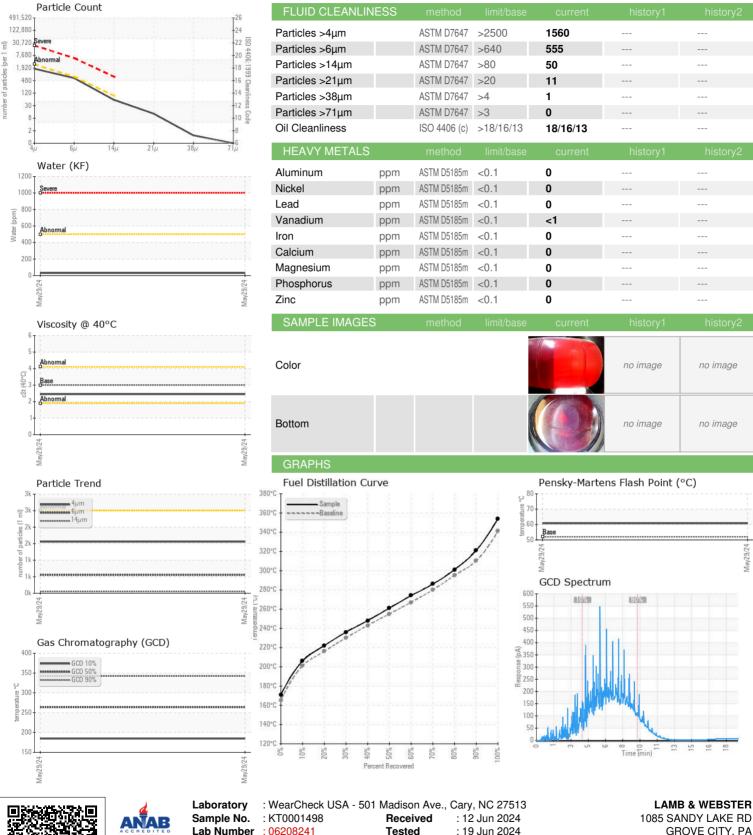
Fuel Condition

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

R) (GAL)				May2024		
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SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0001498		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		186		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.45		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	60.8		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	171		
5% Distillation Point	°C	ASTM D86		196		
10% Distill Point	°C	ASTM D86	201	206		
15% Distillation Point	°C	ASTM D86		214		
20% Distill Point	°C	ASTM D86	216	222		
30% Distill Point	°C	ASTM D86	230	236		
40% Distill Point	°C	ASTM D86	243	248		
50% Distill Point	°C	ASTM D86	255	261		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	286		
80% Distill Point	°C	ASTM D86	295	301		
85% Distillation Point	°C	ASTM D86		311		
90% Distill Point	°C	ASTM D86	310	321		
95% Distillation Point	°C	ASTM D86		339		
Final Boiling Point	°C	ASTM D86	341	354		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	34		
Cetane Index		ASTM D4737	<40.0	45		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0		
Sodium	ppm	ASTM D5185m	<0.1	<1		
Potassium	ppm	ASTM D5185m	< 0.1	<1		
Water	%	ASTM D6304	< 0.05	0.003		
ppm Water	ppm	ASTM D6304	< 500	30		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



FUEL REPORT







Certificate 12367

Lab Number : 06208241

Unique Number : 11075702

Diagnosed

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.

GROVE CITY, PA US 16127

Contact: SERVICE MANAGER deec@lwemail.com

T: (724)264-4403

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: LAMGRO [WUSCAR] 06208241 (Generated: 06/20/2024 09:51:49) Rev: 1

Contact/Location: SERVICE MANAGER? - LAMGRO

: 19 Jun 2024 - Doug Bogart