

FUEL REPORT

Sample Rating Trend



Machine Id

109771 - MED PARK

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.

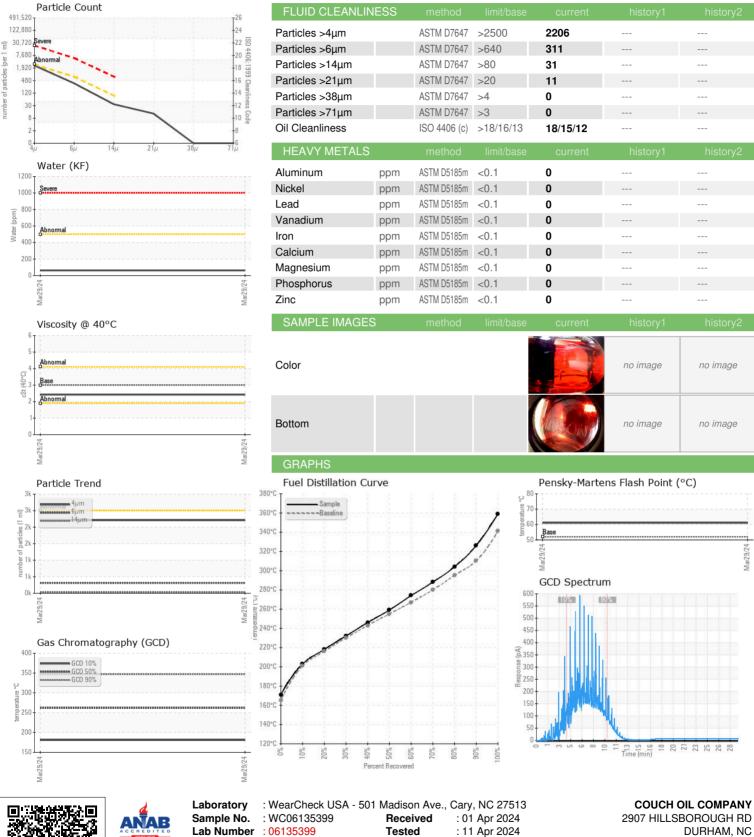
Fuel Condition

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

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R) (QTS)			Mar2024			
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	ATION		IIIIII/Dase			HISTOLYZ
Sample Number		Client Info		WC06135399		
Sample Date		Client Info		29 Mar 2024		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen	Yllow	Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445	3.0	2.42		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	61.1		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	7		
Sulfur (UVF)	ppm	ASTM D5453		15		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	171		
5% Distillation Point	°C	ASTM D86		193		
10% Distill Point	°C	ASTM D86	201	203		
15% Distillation Point	°C	ASTM D86		210		
20% Distill Point	°C	ASTM D86	216	218		
30% Distill Point	°C	ASTM D86	230	232		
40% Distill Point	°C	ASTM D86	243	246		
50% Distill Point	°C	ASTM D86	255	259		
60% Distill Point	°C	ASTM D86	267	274		
70% Distill Point	°C	ASTM D86	280	288		
80% Distill Point	°C	ASTM D86	295	304		
85% Distillation Point	°C	ASTM D86		315		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point	°C	ASTM D86	0.0	344		
Final Boiling Point	°C	ASTM D86	341	359		
IGNITION QUALIT	ГΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	36		
Cetane Index		ASTM D4737	<40.0	48		
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	0		
Water	%	ASTM D6304	< 0.05	0.006		
ppm Water	ppm	ASTM D6304	<500	62		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		
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FUEL REPORT







Certificate 12367

Lab Number : 06135399

Unique Number : 10954864

Tested

: 11 Apr 2024 Diagnosed

: 11 Apr 2024 - Doug Bogart

Test Package : DF-2 (Additional Tests: Fuel, Screen) To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 27705 Contact: JESSE BROWN jesse@couchoilcompany.com T: (919)285-5408

* - 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)