

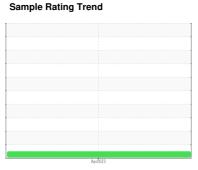
FUEL REPORT



215250 (S/N DD600548)

Component **Diesel Fuel**

OFF-ROAD (--- GAL)





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.

Fuel Condition

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

				Apr2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WCDF04057		
Sample Date		Client Info		12 Apr 2023		
Machine Age	hrs	Client Info		0		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		0.841		
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.5		
Visc @ 40°C	cSt	ASTM D445		2.48		
Pensky-Martens Flash Point	°C	*PMCC Calculated		56		
Cloud Point	°C	ASTM D5771		-12		
Pour Point	°C	ASTM D5950		-30		
SUI EUD CONTEN	NT	mothod	limit/base	ourront	history1	history2
SULFUR CONTE		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		9		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		156		
5% Distillation Point	°C	ASTM D86		183		
10% Distill Point	°C	ASTM D86		196		
15% Distillation Point	°C	ASTM D86		207		
20% Distill Point	°C	ASTM D86		216		
30% Distill Point	°C	ASTM D86		231		
40% Distill Point	°C	ASTM D86		246		
50% Distill Point	°C	ASTM D86		260		
60% Distill Point	°C	ASTM D86		274		
70% Distill Point	°C	ASTM D86		288		
80% Distill Point	°C	ASTM D86		304		
85% Distillation Point	°C	ASTM D86		314		
90% Distill Point	°C	ASTM D86		325		
95% Distillation Point	°C	ASTM D86		342		
Final Boiling Point	°C	ASTM D86		352		
Distillation Residue	%	ASTM D86		1.4		
Distillation Loss	%	ASTM D86		0.4		
IGNITION QUALIT	ГҮ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		36.8		
Cetane Index		ASTM D4737	<40.0	47.8		
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	0		
Water	%	ASTM D5165111	<0.1	0.003		
		ASTM D6304 ASTM D6304	<500	33.2		
ppm Water % Gasoline	ppm %	*In-House	<0.50	0.0		
% Gasuine	70	*!:-!!!	<0.50	0.0		

% Biodiesel

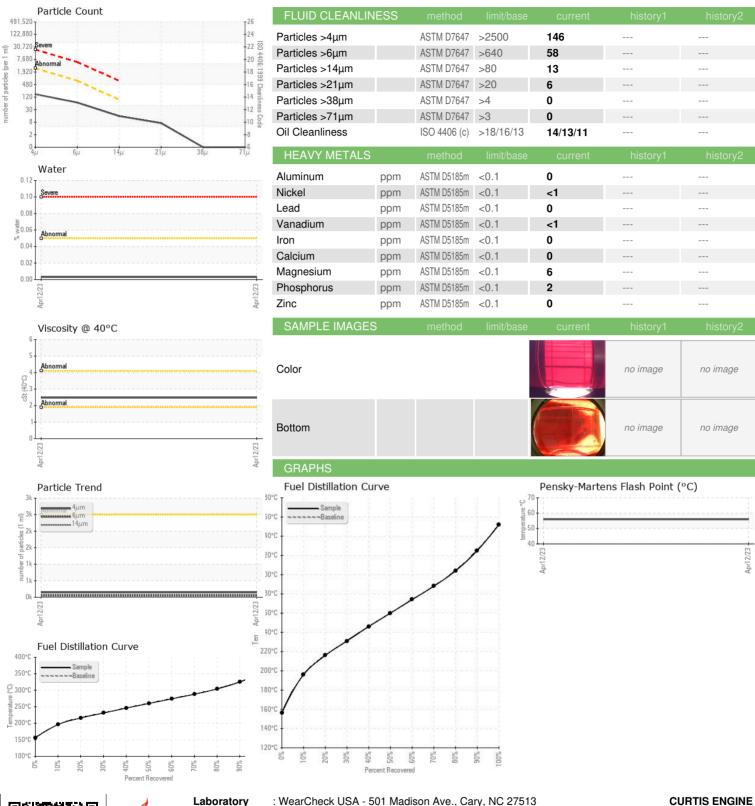
%

*In-House <20.0

0.0



FUEL REPORT





Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: 05823620

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WCDF04057 : 10431703

Received : 18 Apr 2023 : 24 Apr 2023 Diagnosed

Diagnostician : Doug Bogart

Test Package : DF-3 (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)

US 21227 Contact: CHARNETTE WATERS

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