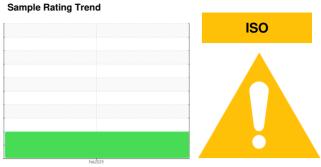


FUEL REPORT

[04293] **JOHN DEERE BPD D-14 - 2150633**

Diesel Fuel

DIESEL FUEL No. 2 (--- GAL)



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.

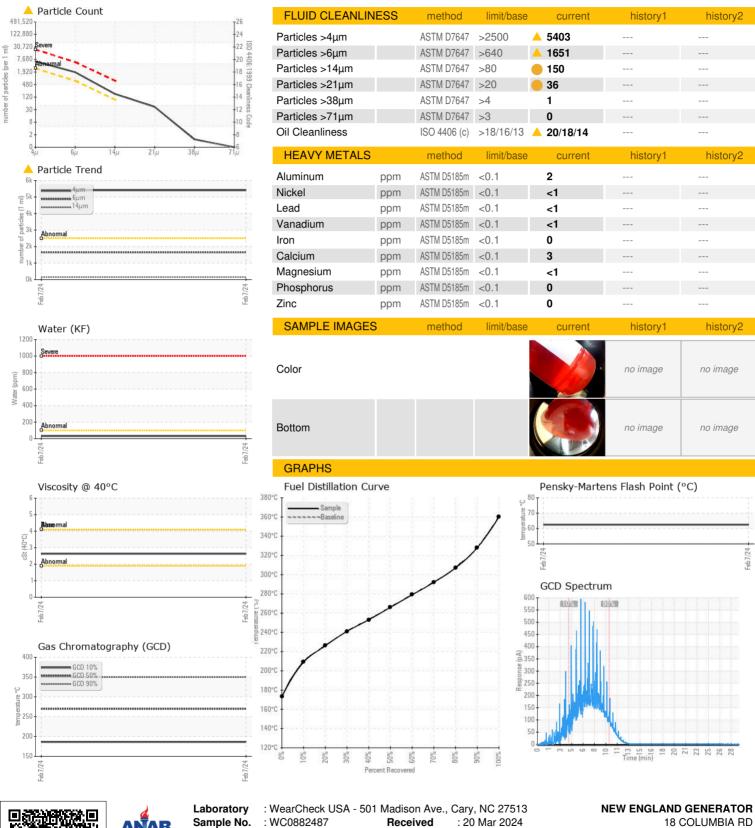
Fuel Condition

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

				Feb 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0882487		
Sample Date		Client Info		07 Feb 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Fuel Color	text	*Visual Screen		Red		
ASTM Color	scalar	*ASTM D1500		L4.0		
Visc @ 40°C	cSt	ASTM D445	4.1	2.63		
Pensky-Martens Flash Point	°C	*PMCC Calculated		62.5		
Cloud Point	°C	ASTM D5771		-12		
Pour Point	°C	ASTM D5950		-33		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
			IIIII Dado			
Sulfur	ppm	ASTM D5185m		0		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86		173		
5% Distillation Point	°C	ASTM D86		198		
10% Distill Point	°C	ASTM D86		209		
15% Distillation Point	°C	ASTM D86		217		
20% Distill Point	°C	ASTM D86		226		
30% Distill Point	°C	ASTM D86		241		
40% Distill Point	°C	ASTM D86		253		
50% Distill Point	°C	ASTM D86		266		
60% Distill Point	°C	ASTM D86		279		
70% Distill Point	°C	ASTM D86		292		
80% Distill Point	°C	ASTM D86		307		
85% Distillation Point	°C	ASTM D86		318		
90% Distill Point	°C	ASTM D86		328		
95% Distillation Point	°C	ASTM D86		346		
Final Boiling Point	°C	ASTM D86		360		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D7777		35		
Cetane Index		ASTM D4737	<40.0	47		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1		
Sodium	ppm	ASTM D5185m	<0.1	0		
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

Sample No.

: WC0882487 Lab Number : 06124473

Tested Unique Number : 10938624 Diagnosed : 07 Apr 2024

: 07 Apr 2024 - Doug Bogart

Test Package : DF-3 (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) 18 COLUMBIA RD PEMBROKE, MA US 02359

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