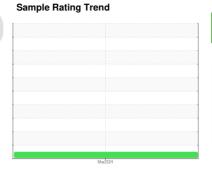


# **FUEL REPORT**

[WP21830] JCB 510-56 3100151

**Diesel Fuel** 

No.2 DIESEL FUEL (ULTRA





## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. 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 no bacteria or fungus (yeast and/or mold) indicated in the sample. The water content is negligible. There is no indication of any contamination in the fuel. The amount and size of particulates present in the system are acceptable.

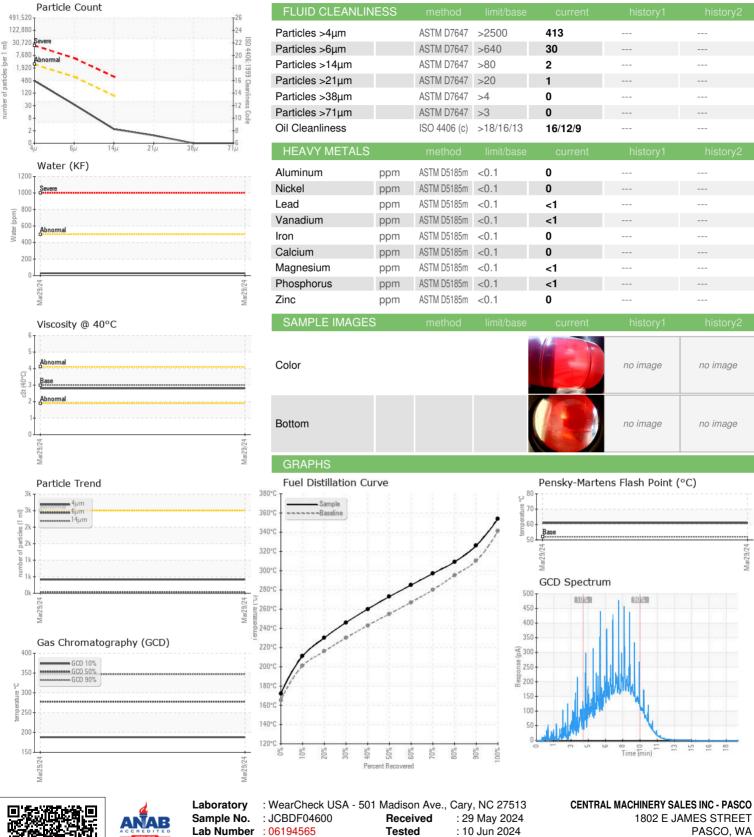
### **Fuel Condition**

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

ALOW SULPHUR) (3	5 GAL)			Mar2024		
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JCBDF04600		
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	2.8		
Pensky-Martens Flash Point	°C	*PMCC Calculated	52	61		
SULFUR CONTE	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	0		
Sulfur (UVF)	ppm	ASTM D5453		10		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D86	165	172		
5% Distillation Point	°C	ASTM D86		199		
10% Distill Point	°C	ASTM D86	201	211		
15% Distillation Point	°C	ASTM D86		220		
20% Distill Point	°C	ASTM D86	216	230		
30% Distill Point	°C	ASTM D86	230	246		
40% Distill Point	°C	ASTM D86	243	260		
50% Distill Point	°C	ASTM D86	255	273		
60% Distill Point	°C	ASTM D86	267	285		
70% Distill Point	°C	ASTM D86	280	297		
80% Distill Point	°C	ASTM D86	295	309		
85% Distillation Point	°C	ASTM D86		318		
90% Distill Point	°C	ASTM D86	310	326		
95% Distillation Point	°C	ASTM D86	0.44	341		
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	<1		
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	28		
% Gasoline	%	*In-House	< 0.50	0.0		
% Biodiesel	%	*In-House	<20.0	0.0		



# **FUEL REPORT**







Certificate 12367

Lab Number : 06194565 Unique Number: 11056688

**Tested** 

: 10 Jun 2024 Diagnosed Test Package : DF-2 (Additional Tests: Fuel, Screen)

: 10 Jun 2024 - Doug Bogart

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: CINDY W CINDYW@CMACHINERY.NET

\* - 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)

F: (509)547-0401 Contact/Location: CINDY W - CENPAS

US 99301

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