

# **FUEL REPORT**

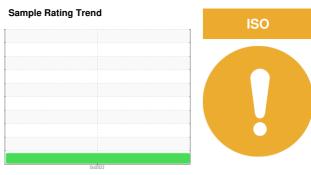
XSTRA FARMS
Machine Id
942.991-09-028481

Component

Diesel Fuel

Fluid

No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)



#### DIAGNOSIS

## Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. We advise that you filter this fluid before use. We recommend you service the filters on this component. Resample at the next service interval to monitor.

## Contaminants

There is a light amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible.

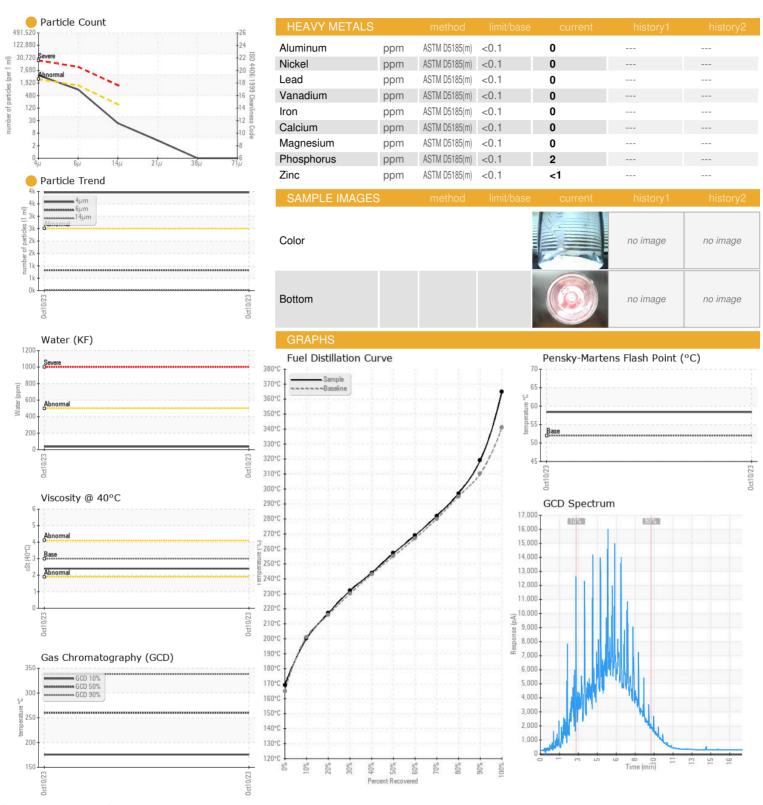
## **Fuel Condition**

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

AL)				Oct2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WA0019913		
Sample Date		Client Info		10 Oct 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ATTENTION		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.837		
Fuel Color	text	Visual Screen*	Yllow	Red		
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.4		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	58.4		
SULFUR CONTE	NΤ	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	250	25		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	169		
5% Distillation Point	°C	ASTM D2887*		189		
10% Distill Point	°C	ASTM D2887*	201	200		
15% Distillation Point	°C	ASTM D2887*		208		
20% Distill Point	°C	ASTM D2887*	216	217		
30% Distill Point	°C	ASTM D2887*	230	232		
40% Distill Point	°C	ASTM D2887*	243	244		
50% Distill Point	°C	ASTM D2887*	255	257		
60% Distill Point	°C	ASTM D2887*	267	269		
70% Distill Point	°C	ASTM D2887*	280	282		
80% Distill Point	°C	ASTM D2887*	295	297		
85% Distillation Point	°C	ASTM D2887*		308		
90% Distill Point	°C	ASTM D2887*	310	319		
95% Distillation Point	°C	ASTM D2887*		339		
Final Boiling Point	°C	ASTM D2887*	341	365		
IGNITION QUALIT	Υ	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	37		
Cetane Index		ASTM D4737*	<40.0	48		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	0		
Sodium	ppm	ASTM D5185(m)	<0.1	<1		
Potassium	ppm	ASTM D5185(m)	<0.1	0		
Water	%	ASTM D6304*	< 0.05	0.003		
ppm Water	ppm	ASTM D6304*	<500	36		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	<b>3960</b>		
Particles >6µm		ASTM D7647	>1300	822		
Particles >14µm		ASTM D7647	>160	20		
Particles >21µm		ASTM D7647	>40	3		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/17/14	19/17/11		
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## **FUEL REPORT**





ISO 17025:2017

Laboratory

Laboratory Sample No. Lab Number

tory: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

No.: WA0019913

Received: 21 Mar 2024

Lab Number : 02623865 Unique Number : 5748984 Received : 21 Mar 2024
Tested : 25 Mar 2024
Diagnosed : 25 Mar 2024 - K

nosed: 25 Mar 2024 - Kevin Marson

**Test Package**: FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

**Wajax Industrial Components** 

3 MacAleer Drive Charlottetown, PE CA C1E 2A1 Contact: Barry Beach

bbeach@wajax.com T:

F: 98920550