

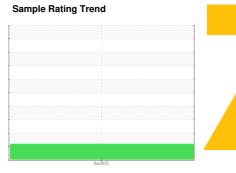
FUEL REPORT

NO UNIT 02605482

Component

Diesel Fuel

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (





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. We recommend an early resample to monitor this condition.

Corrosion

{not applicable}

Contaminants

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

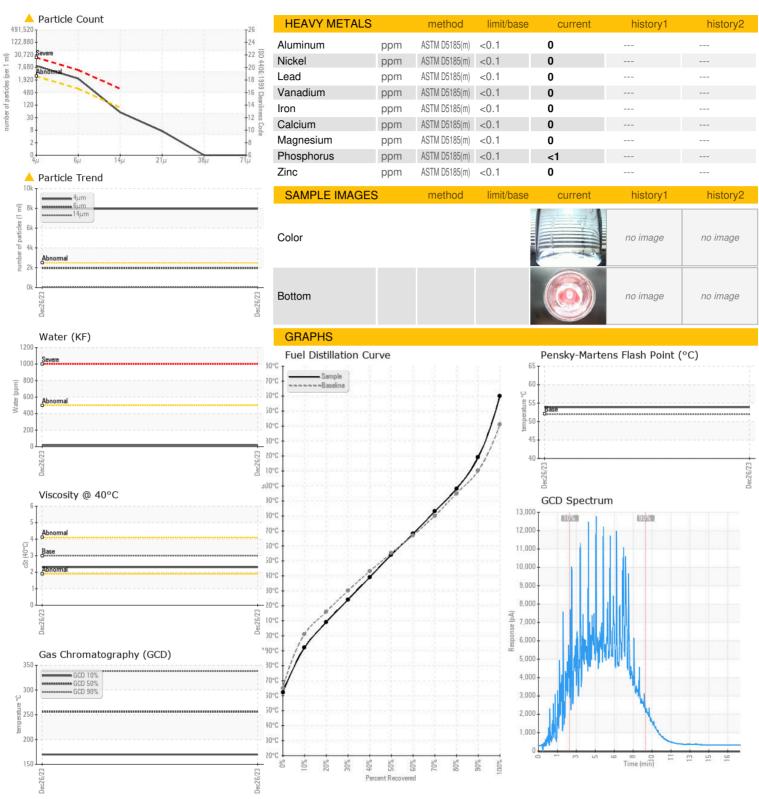
Fuel Condition

All laboratory tests indicate that this sample meets specifications for No.2 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type B). The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

R) (GAL)				Dec2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		wc		
Sample Date		Client Info		26 Dec 2023		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.826		
Fuel Color	text	Visual Screen*	Yllow	Yllow		
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.3		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	53.9		
SULFUR CONTE	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	10	4		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	162		
5% Distillation Point	°C	ASTM D2887*		182		
10% Distill Point	°C	ASTM D2887*	201	192		
15% Distillation Point	°C	ASTM D2887*		200		
20% Distill Point	°C	ASTM D2887*	216	209		
30% Distill Point	°C	ASTM D2887*	230	224		
40% Distill Point	°C	ASTM D2887*	243	239		
50% Distill Point	°C	ASTM D2887*	255	254		
60% Distill Point	°C	ASTM D2887*	267	268		
70% Distill Point	°C	ASTM D2887*	280	283		
80% Distill Point	°C	ASTM D2887*	295	298		
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	360		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	39		
Cetane Index		ASTM D4737*	<40.0	52		
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	0.002		
ppm Water	ppm	ASTM D6304*	< 500	19		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	7951		
Particles >6µm		ASTM D7647	>640	1966		
Particles >14μm		ASTM D7647	>80	48		
Particles >21µm		ASTM D7647	>20	6		
Particles >38µm		ASTM D7647	>4	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	20/18/13		



FUEL REPORT





CALA ISO 17025:2017 Accredited

Laboratory Sample No. Lab Number **Unique Number**

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

: 02605482 : 5698567

Recieved Diagnosed : 27 Dec 2023

: 03 Jan 2024 Diagnostician : 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.

Trottier Farm Equipment 20159 County Road 43 Alexandria, ON CA K0C 1A0 Contact: Dan Trottier danieltro@bellnet.ca T: (613)551-7425