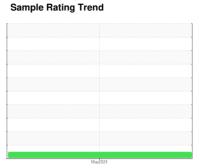


FUEL REPORT

ONTARIO POWER GENERATION [155962] 25278061

Diesel Fuel

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





Recommendation

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. Resample at the next service interval to monitor.

Contaminants

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

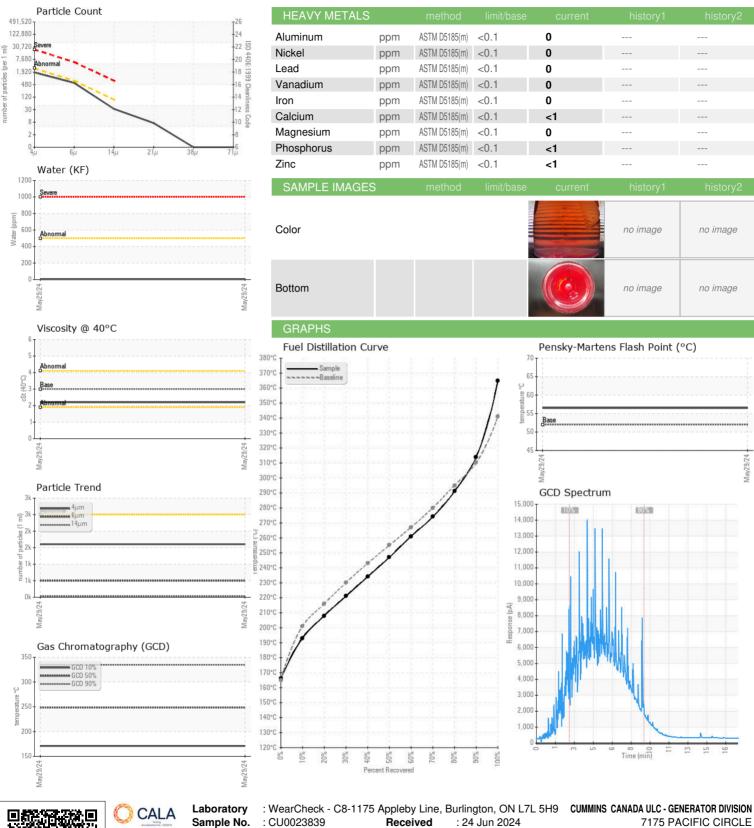
Fuel Condition

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

iAL)				May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		CU0023839		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		222		
Sample Status				NORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.840		
Fuel Color	text	Visual Screen*	Yllow	Brown		
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.2		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	56.5		
SULFUR CONTEN	VT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	250	31		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	166		
5% Distillation Point	°C	ASTM D2887*		184		
10% Distill Point	°C	ASTM D2887*	201	193		
15% Distillation Point	°C	ASTM D2887*		200		
20% Distill Point	°C	ASTM D2887*	216	208		
30% Distill Point	°C	ASTM D2887*	230	221		
40% Distill Point	°C	ASTM D2887*	243	234		
50% Distill Point	°C	ASTM D2887*	255	247		
60% Distill Point	°C	ASTM D2887*	267	261		
70% Distill Point	°C	ASTM D2887*	280	274		
80% Distill Point	°C	ASTM D2887*	295	291		
85% Distillation Point	°C	ASTM D2887*		303		
90% Distill Point	°C	ASTM D2887*	310	314		
95% Distillation Point	°C	ASTM D2887*		332		
Final Boiling Point	°C	ASTM D2887*	341	365		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	36		
Cetane Index		ASTM D4737*	<40.0	45		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	0		
Sodium	ppm	ASTM D5185(m)	< 0.1	0		
Potassium	ppm	ASTM D5185(m)	<0.1	0		
Water	%	ASTM D6304*	< 0.05	0.001		
ppm Water	ppm	ASTM D6304*	<500	4		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	1605		
Particles >6µm		ASTM D7647	>640	501		
Particles >14µm		ASTM D7647	>80	29		
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	18/16/12		



FUEL REPORT





CALA ISO 17025:2017 Accredited Laboratory

Sample No. Lab Number

: CU0023839

: 02643846 Unique Number : 5801385

Received **Tested** Diagnosed

: 24 Jun 2024 : 26 Jun 2024

: 26 Jun 2024 - Kevin Marson Test Package : FUEL (Additional Tests: CC Flash, PrtCount)

CA L5T 2A5 Contact: Elisia Johnson elisia.johnson@cummins.com T: (905)795-0050

Validity of results and interpretation are based on the sample and information as supplied.

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. MISSISSAUGA, ON

F: (905)795-9252