

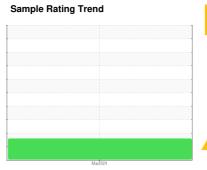
FUEL REPORT

[161164] Machine Id KOITI PY86A0317

Component

Diesel Fuel

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. We recommend an early resample to monitor this condition.

Contaminants

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

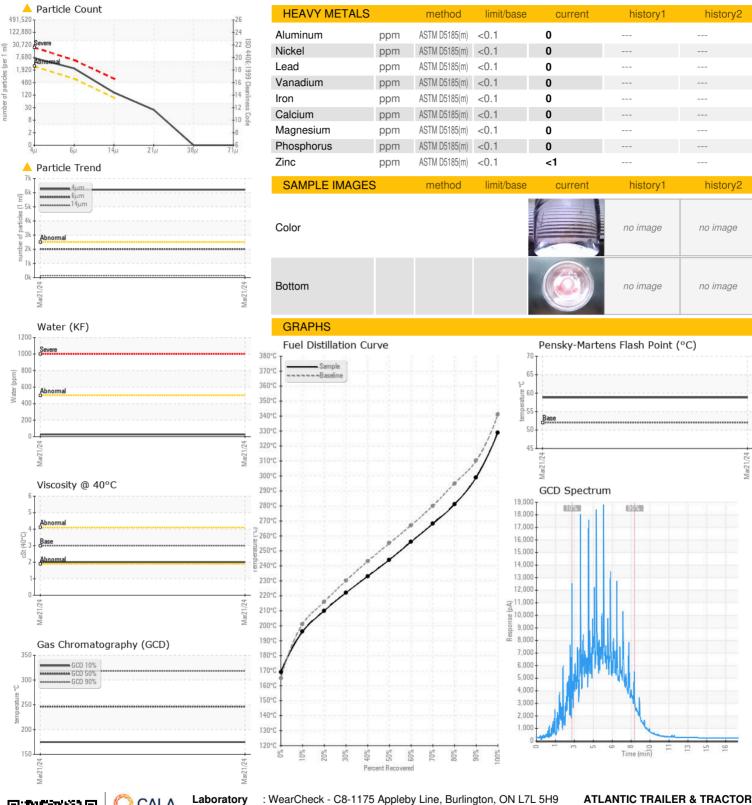
Fuel Condition

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

AL)				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KT0001037		
Sample Date		Client Info		21 Mar 2024		
Machine Age	hrs	Client Info		0		
Sample Status				ABNORMAL		
PHYSICAL PROP	ERTIES	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.835		
Fuel Color	text	Visual Screen*	Yllow	Yllow		
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2		
Pensky-Martens Flash Point	°C	ASTM D7215*	52	58.8		
SULFUR CONTER	NT	method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	250	27		
DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	169		
5% Distillation Point	°C	ASTM D2887*		188		
10% Distill Point	°C	ASTM D2887*	201	196		
15% Distillation Point	°C	ASTM D2887*		203		
20% Distill Point	°C	ASTM D2887*	216	210		
30% Distill Point	°C	ASTM D2887*	230	222		
40% Distill Point	°C	ASTM D2887*	243	233		
50% Distill Point	°C	ASTM D2887*	255	244		
60% Distill Point	°C	ASTM D2887*	267	256		
70% Distill Point	°C	ASTM D2887*	280	268		
80% Distill Point	°C	ASTM D2887*	295	281		
85% Distillation Point	°C	ASTM D2887*		290		
90% Distill Point	°C	ASTM D2887*	310	299		
95% Distillation Point	°C	ASTM D2887*		313		
Final Boiling Point	°C	ASTM D2887*	341	329		
IGNITION QUALIT	ΓΥ	method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	37		
Cetane Index		ASTM D4737*	<40.0	46		
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	26		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	△ 6204		
Particles >6μm		ASTM D7647	>640	<u>^</u> 2012		
Particles >14μm		ASTM D7647	>80	<u> </u>		
Particles >21µm		ASTM D7647	>20	21		
Particles >38µm		ASTM D7647	>4	0		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>18/16/13	<u>^</u> 20/18/14		



FUEL REPORT





CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No. Lab Number

: KT0001037 : 02624517

Unique Number : 5749636

Received : 25 Mar 2024 **Tested** : 27 Mar 2024 Diagnosed

: 27 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.

ATLANTIC TRAILER & TRACTOR

52A THOMPSON ST CLARENVILLE, NL **CA A5A 0G8**

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