



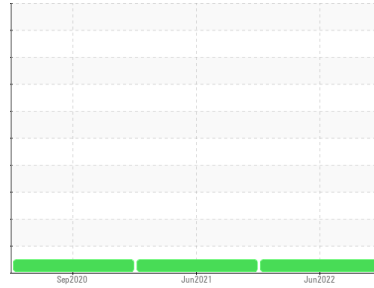
FUEL REPORT

Sample Rating Trend

NORMAL



Area
GARNISON L193 [VQ5918]
 Machine Id
GD6694
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)



DIAGNOSIS

Recommendation

Les tests de laboratoire indiquent que ce carburant peut être utilisé et qu'il répond à toutes les exigences. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Contaminants

La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le carburant diesel.

Fuel Condition

Tous les essais en laboratoire indiquent que cet échantillon satisfait aux spécifications pour le carburant diesel à ultra-faible teneur de soufre No.2 (US EPA/CGSB-3.517-3 type B).

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			GD0005714	GD0004420	GD0004426
Sample Date	Client Info			21 Jun 2022	11 Jun 2021	26 Sep 2020
Machine Age	hrs	Client Info		0	520	506
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*	0.839	0.831	0.824	0.827
Fuel Color	text	Visual Screen*	Yellow	Pink	Pink	Pink
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.1	2.0	2.1
Pensky-Martens Flash Point	°C	ASTM D7215*	52	50.8	52	52.7

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185(m)	10	13	15	10

DISTILLATION		method	limit/base	current	history1	history2
Initial Boiling Point	°C	ASTM D2887*	165	154	155	156
5% Distillation Point	°C	ASTM D2887*		174	171	175
10% Distill Point	°C	ASTM D2887*	201	185	181	186
15% Distillation Point	°C	ASTM D2887*		191	189	194
20% Distill Point	°C	ASTM D2887*	216	201	197	203
30% Distill Point	°C	ASTM D2887*	230	217	213	220
40% Distill Point	°C	ASTM D2887*	243	233	229	235
50% Distill Point	°C	ASTM D2887*	255	248	245	251
60% Distill Point	°C	ASTM D2887*	267	264	262	266
70% Distill Point	°C	ASTM D2887*	280	279	278	283
80% Distill Point	°C	ASTM D2887*	295	298	296	301
85% Distillation Point	°C	ASTM D2887*		308	307	312
90% Distill Point	°C	ASTM D2887*	310	320	320	324
95% Distillation Point	°C	ASTM D2887*		337	339	341
Final Boiling Point	°C	ASTM D2887*	341	347	362	352

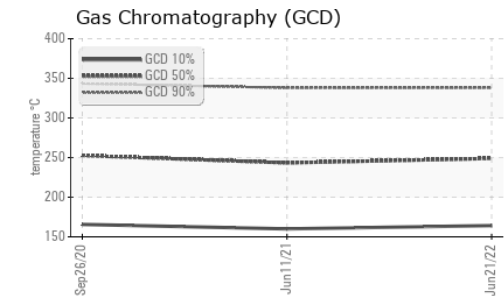
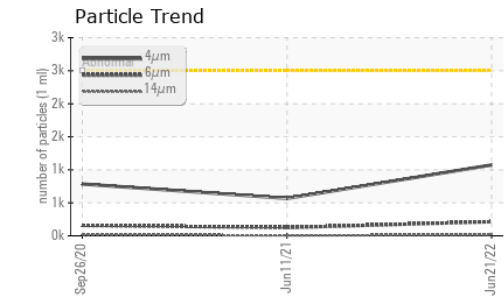
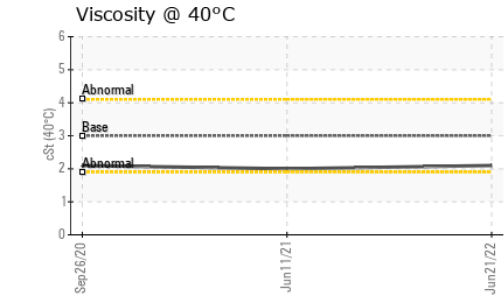
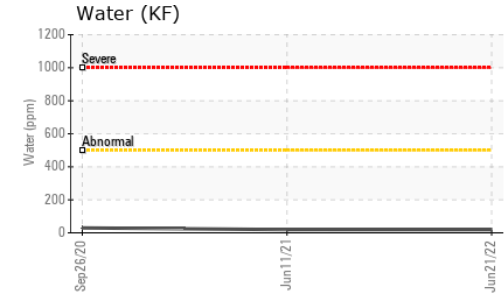
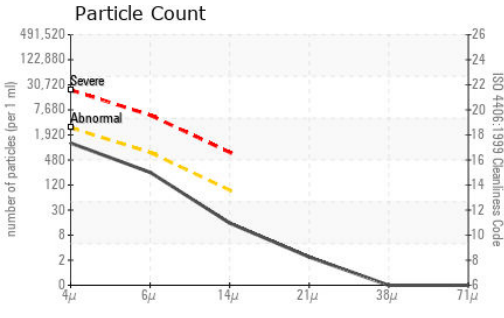
IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D1298*	37.7	38	40	39
Cetane Index		ASTM D4737*	<40.0	48	50	50

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<1.0	0	0	0
Sodium	ppm	ASTM D5185(m)	<0.1	<1	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	<1
Water	%	ASTM D6304*	<0.05	0.002	0.002	0.003
ppm Water	ppm	ASTM D6304*	<500	19.0	19.5	29.8

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>2500	1073	567	785
Particles >6µm		ASTM D7647	>640	213	125	158
Particles >14µm		ASTM D7647	>80	13	6	15
Particles >21µm		ASTM D7647	>20	2	1	5
Particles >38µm		ASTM D7647	>4	0	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	17/15/11	16/14/10	17/14/11



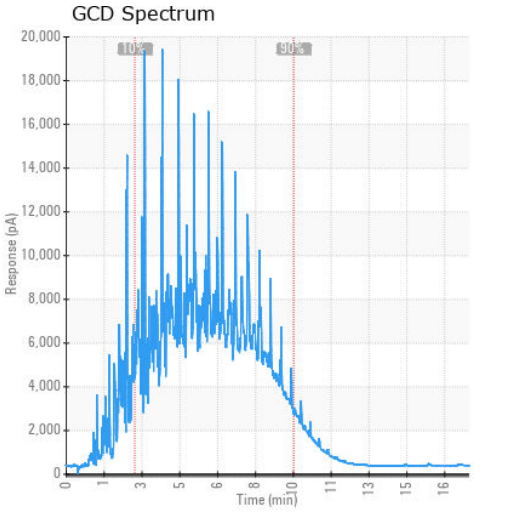
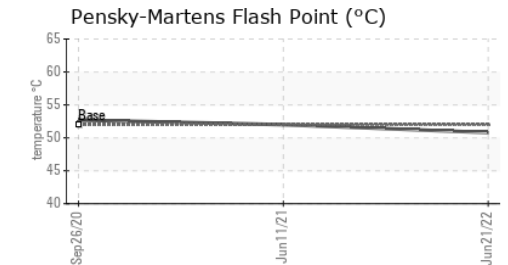
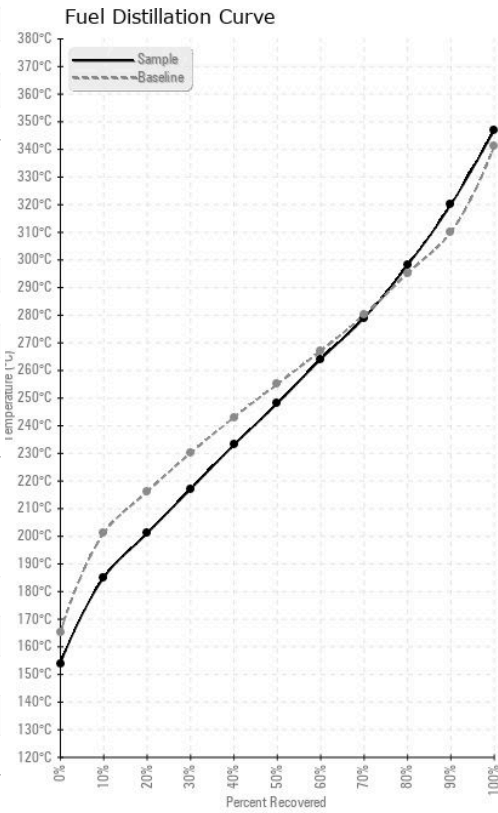
FUEL REPORT



HEAVY METALS	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185(m)	<0.1	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	0	0
Lead	ppm	ASTM D5185(m)	<1	<1	0
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0
Iron	ppm	ASTM D5185(m)	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	<0.1	<1	0
Magnesium	ppm	ASTM D5185(m)	<0.1	<1	0
Phosphorus	ppm	ASTM D5185(m)	<0.1	<1	0
Zinc	ppm	ASTM D5185(m)	<0.1	<1	0

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GD0005714
Lab Number : 02500902
Unique Number : 5433863
Test Package : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

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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.