

Area
[335071]
 Machine Id
33202653
 Component
Diesel Fuel
 Fluid
No.1 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

RECOMMENDATION

Les tests de laboratoire indiquent que ce carburant peut être utilisé et qu'il répond à toutes les exigences. Nous vous recommandons de filtrer ce fluide avant de l'utiliser. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

CORROSION

{sans objet}

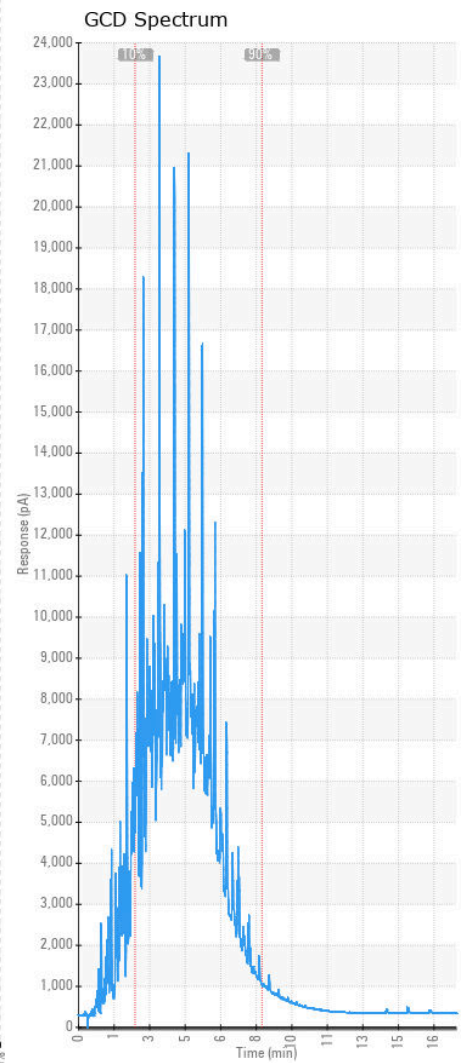
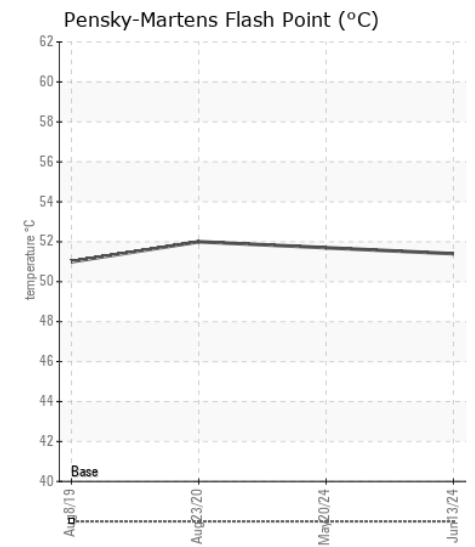
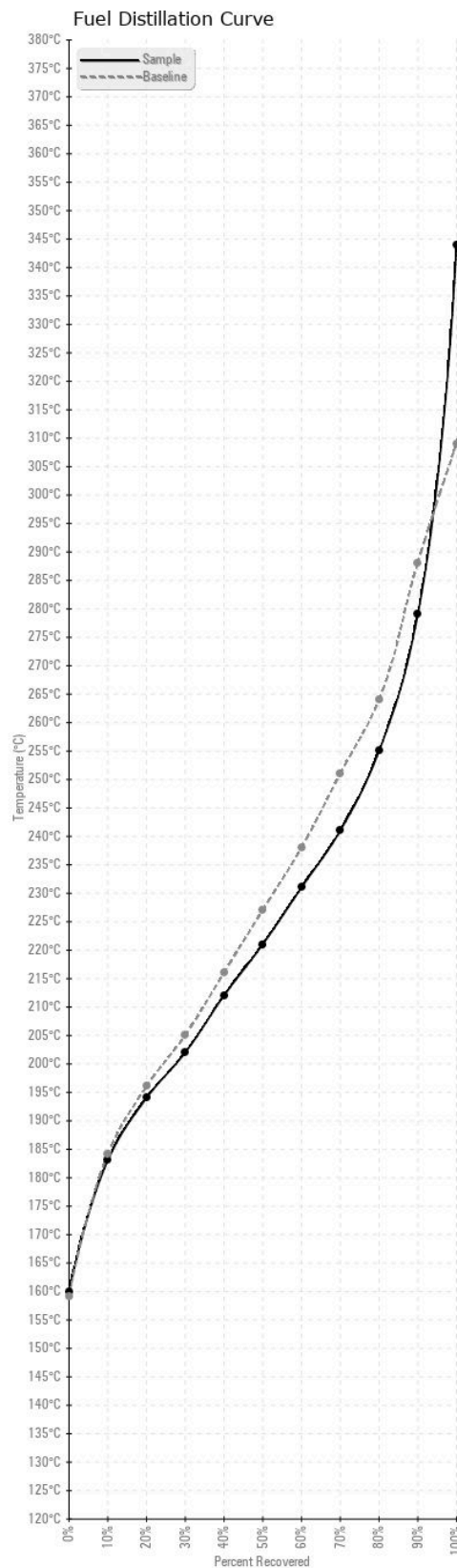
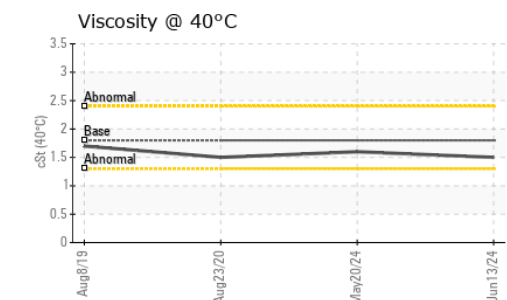
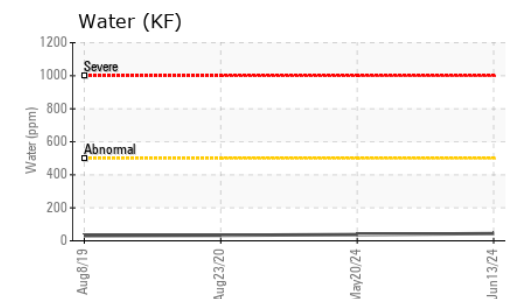
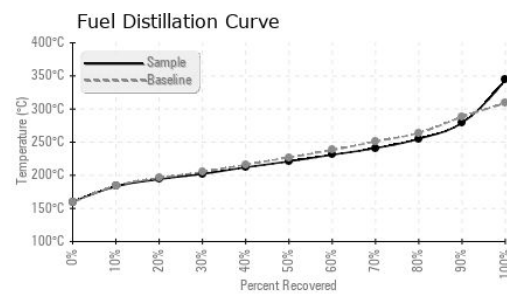
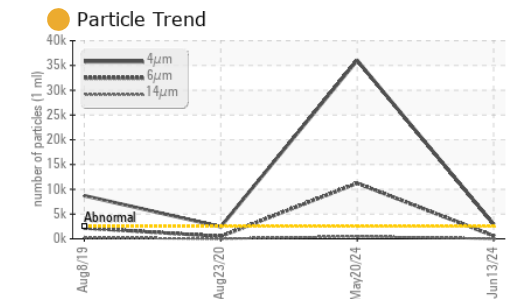
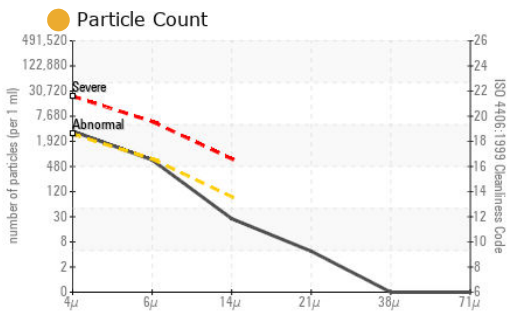
CONTAMINANTS

Il y a une légère quantité de limon (particules de 4 à 14 microns) dans le carburant. La teneur en eau est négligeable.

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.1 (US EPA/CGSB-3.517-3 type A).

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0022946	CU0022917	CU0016643
Sample Date		Client Info		13 Jun 2024	20 May 2024	23 Aug 2020
Machine Age	hrs	Client Info		0	0	135
Sample Status				ATTENTION	SEVERE	NORMAL
Aluminum	ppm	ASTM D5185(m)	<0.1	0	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	0	0	0
Lead	ppm	ASTM D5185(m)	<0.1	0	<1	0
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0	0
Iron	ppm	ASTM D5185(m)	<0.1	0	0	<1
Silicon	ppm	ASTM D5185(m)	<1.0	0	0	0
Sodium	ppm	ASTM D5185(m)	<0.1	0	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	<1
Water	%	ASTM D6304*	<0.05	0.004	0.003	0.003
ppm Water	ppm	ASTM D6304*	<500	44	38	33.6
Particles >4µm		ASTM D7647	>2500	2950	▲ 36035	2435
Particles >6µm		ASTM D7647	>640	604	▲ 11228	493
Particles >14µm		ASTM D7647	>80	24	▲ 486	21
Particles >21µm		ASTM D7647	>20	4	▲ 52	7
Particles >38µm		ASTM D7647	>4	0	1	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>18/16/13	19/16/12	▲ 22/21/16	18/16/12
Calcium	ppm	ASTM D5185(m)	<0.1	0	<1	0
Magnesium	ppm	ASTM D5185(m)	<0.1	0	0	<1
Phosphorus	ppm	ASTM D5185(m)	<0.1	<1	<1	0
Zinc	ppm	ASTM D5185(m)	<0.1	3	<1	<1
Specific Gravity		ASTM D1298*	0.825	0.816	0.816	0.81
Fuel Color	text	Visual Screen*	Clear	LtRed	Pink	Pink
Visc @ 40°C	cSt	ASTM D7279(m)	1.8	1.5	1.6	1.5
Pensky-Martens Flash Point	°C	ASTM D7215*	38	51.4	51.7	52
Sulfur	ppm	ASTM D5185(m)	10	8	8	10
Initial Boiling Point	°C	ASTM D2887*	159	160	160	161
10% Distill Point	°C	ASTM D2887*	184	183	184	182
20% Distill Point	°C	ASTM D2887*	196	194	194	192
30% Distill Point	°C	ASTM D2887*	205	202	204	200
40% Distill Point	°C	ASTM D2887*	216	212	213	209
50% Distill Point	°C	ASTM D2887*	227	221	223	217
60% Distill Point	°C	ASTM D2887*	238	231	233	227
70% Distill Point	°C	ASTM D2887*	251	241	243	236
80% Distill Point	°C	ASTM D2887*	264	255	258	248
90% Distill Point	°C	ASTM D2887*	288	279	283	266
Final Boiling Point	°C	ASTM D2887*	309	344	350	308
Distillation Residue	%	ASTM D86(e)*	3.0	---	---	---
Distillation Loss	%	ASTM D86(e)*	3.0	---	---	---
API Gravity		ASTM D1298*	40.1	41	41	---
Cetane Index		ASTM D4737*	<40.0	47	48	48



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022946
Lab Number : 02643050
Unique Number : 5800589
Test Package : FUEL (Additional Tests: CC Flash, PrtCount)

Received : 19 Jun 2024
Tested : 24 Jun 2024
Diagnosed : 24 Jun 2024 - Kevin Marson

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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.