



RAPPORT DU CARBURANT

Sample Rating Trend

NORMALE

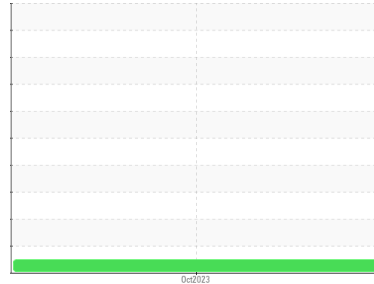


Secteur
[49239]

Identité de la machine
NO UNIT CU0021680

Composant
Carburant diesel

Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)



DIAGNOSTIC

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.

État Du Carburant

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).

INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			CU0021680	---	---
Date d'échant.	Client Info			31 Oct 2023	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Statut de l'échant.				NORMAL	---	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	0.806	---	---
Couleur du carburant	text	Visual Screen*	Yllow	Yllow	---	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	1.6	---	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	51	---	---

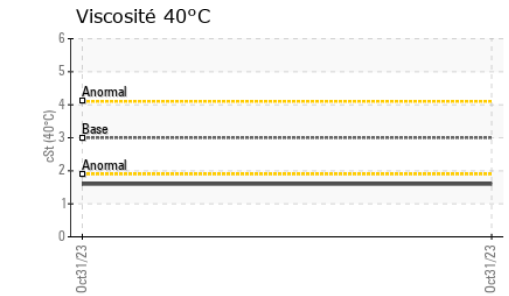
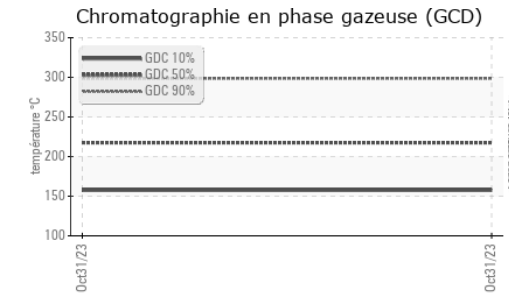
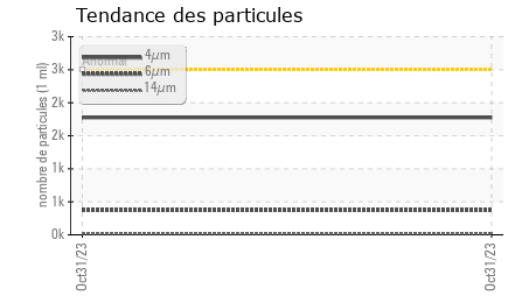
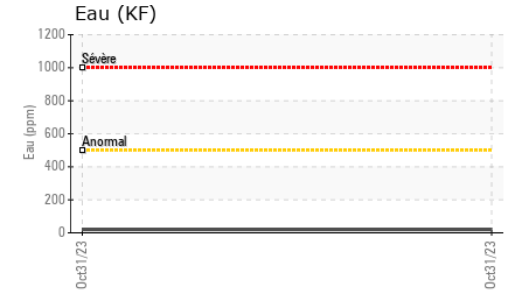
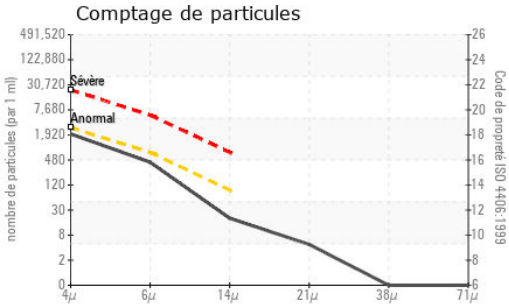
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	12	---	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	158	---	---
Point de distillation de 5%	°C	ASTM D2887*		172	---	---
Point de distillation de 10%	°C	ASTM D2887*	201	177	---	---
Point de distillation de 15%	°C	ASTM D2887*		181	---	---
Point de distillation de 20%	°C	ASTM D2887*	216	186	---	---
Point de distillation de 30%	°C	ASTM D2887*	230	195	---	---
Point de distillation de 40%	°C	ASTM D2887*	243	206	---	---
Point de distillation de 50%	°C	ASTM D2887*	255	217	---	---
Point de distillation de 60%	°C	ASTM D2887*	267	229	---	---
Point de distillation de 70%	°C	ASTM D2887*	280	242	---	---
Point de distillation de 80%	°C	ASTM D2887*	295	258	---	---
Point de distillation de 85%	°C	ASTM D2887*		271	---	---
Point de distillation de 90%	°C	ASTM D2887*	310	283	---	---
Point de distillation de 95%	°C	ASTM D2887*		305	---	---
Point d'ébullition final	°C	ASTM D2887*	341	327	---	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	44	---	---
Indice de cétane		ASTM D4737*	<40.0	50	---	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	0	---	---
Eau	%	ASTM D6304*	<0.05	0.002	---	---
ppm d'eau	ppm	ASTM D6304*	<500	20	---	---

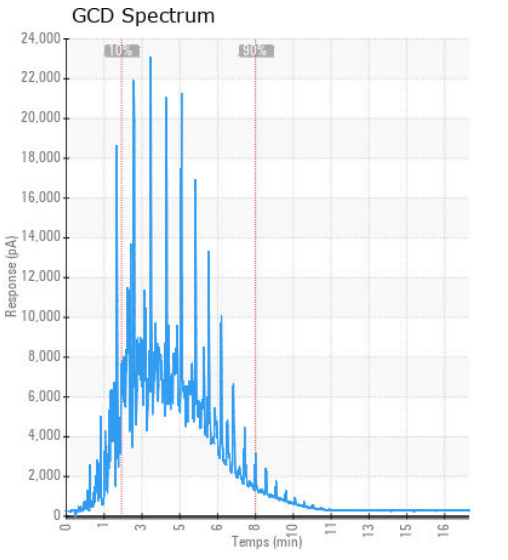
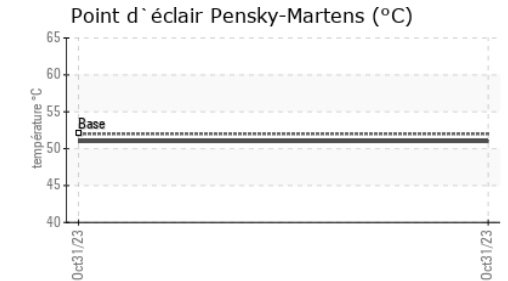
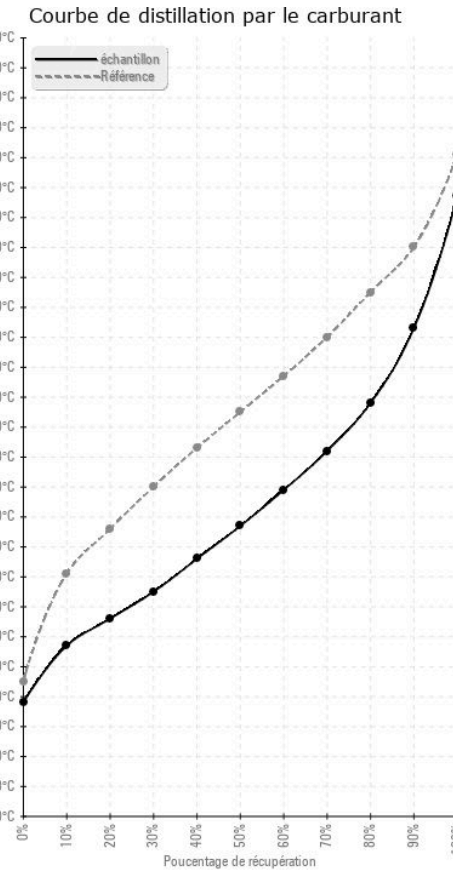
PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>2500	1775	---	---
Particules >6µ		ASTM D7647	>640	372	---	---
Particules >14µ		ASTM D7647	>80	17	---	---
Particules >21µ		ASTM D7647	>20	4	---	---
Particules >38µ		ASTM D7647	>4	0	---	---
Particules >71µ		ASTM D7647	>3	0	---	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	18/16/11	---	---



HEAVY METALS	methode	limite/base	actuel	passé1	passé2
Aluminium	ppm	ASTM D5185(m)	<0.1	0	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---
Plomb	ppm	ASTM D5185(m)	<0.1	0	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---
Fer	ppm	ASTM D5185(m)	<0.1	0	---
Calcium	ppm	ASTM D5185(m)	<0.1	0	---
Magnésium	ppm	ASTM D5185(m)	<0.1	0	---
Phosphore	ppm	ASTM D5185(m)	<0.1	<1	---
Zinc	ppm	ASTM D5185(m)	<0.1	1	---

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer				no image	no image
Fond				no image	no image

GRAPHIQUES



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0021680 **Reçu** : 31 Jan 2024 122 CLYDE AVENUE
N° de laboratoire : 02612644 **Diagnostiqué** : 06 Feb 2024 MOUNT PEARL, NL
Numéro unique : 5721739 **Diagnostiqueur** : Bill Quesnel CA A1N 4S3
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount) Contact: DARRYL CAREY
 Pour discuter cette rapport, contacter le service à la clientèle au 1-800-268-2131. DARRYL.CAREY@CUMMINS.COM
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (709)747-1135
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: (709)747-1084