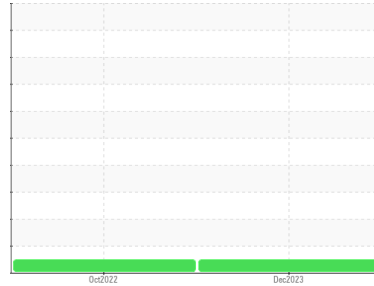




RAPPORT DU CARBURANT

Sample Rating Trend

NORMALE



Secteur
[101782]
 Identité de la machine
5272010051

Composant
Carburant diesel
 Fluide
No.2 DIESEL FUEL (LOW-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.

Corrossione

{not applicable}

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 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			CU0021103	CU0018960	---
Date d'échant.	Client Info			11 Dec 2023	12 Oct 2022	---
Âge d la Machine	hrs	Client Info		191	112	---
Statut de l'échant.				NORMAL	NORMAL	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	0.830	0.824	---
Couleur du carburant	text	Visual Screen*	Yllow	Red	Pink	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.3	2.2	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	58.1	58.2	---

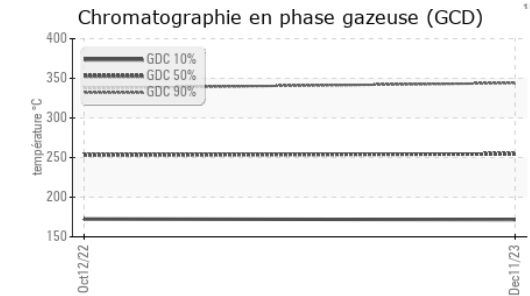
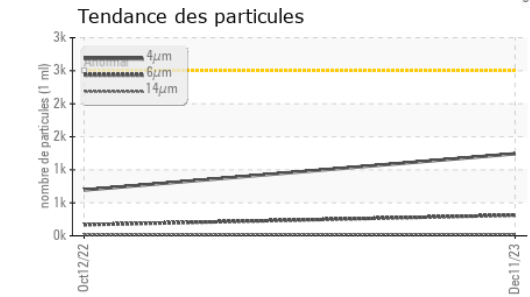
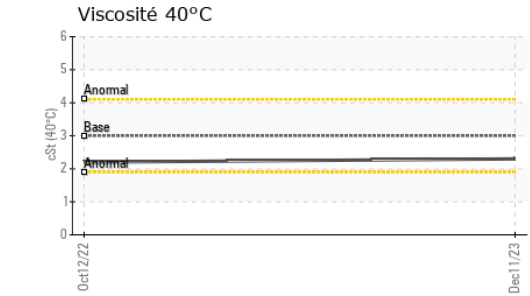
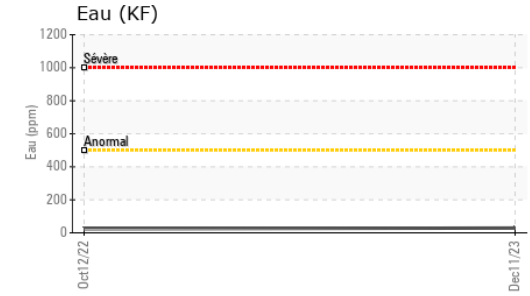
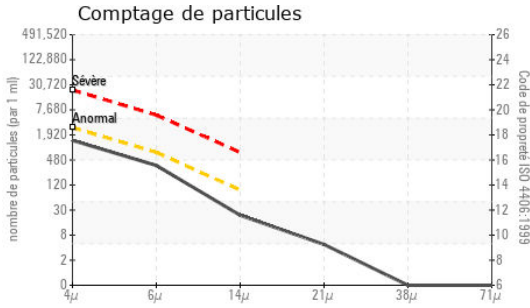
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	250	19	23	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	167	160	---
Point de distillation de 5%	°C	ASTM D2887*		185	182	---
Point de distillation de 10%	°C	ASTM D2887*	201	194	192	---
Point de distillation de 15%	°C	ASTM D2887*		202	200	---
Point de distillation de 20%	°C	ASTM D2887*	216	209	207	---
Point de distillation de 30%	°C	ASTM D2887*	230	224	223	---
Point de distillation de 40%	°C	ASTM D2887*	243	238	237	---
Point de distillation de 50%	°C	ASTM D2887*	255	253	251	---
Point de distillation de 60%	°C	ASTM D2887*	267	268	266	---
Point de distillation de 70%	°C	ASTM D2887*	280	284	282	---
Point de distillation de 80%	°C	ASTM D2887*	295	301	298	---
Point de distillation de 85%	°C	ASTM D2887*		314	308	---
Point de distillation de 90%	°C	ASTM D2887*	310	326	320	---
Point de distillation de 95%	°C	ASTM D2887*		348	337	---
Point d'ébullition final	°C	ASTM D2887*	341	378	346	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	38	40	---
Indice de cétane		ASTM D4737*	<40.0	50	52	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	0	0	---
Potassium	ppm	ASTM D5185(m)	<0.1	<1	0	---
Eau	%	ASTM D6304*	<0.05	0.003	0.002	---
ppm d'eau	ppm	ASTM D6304*	<500	29	24.4	---

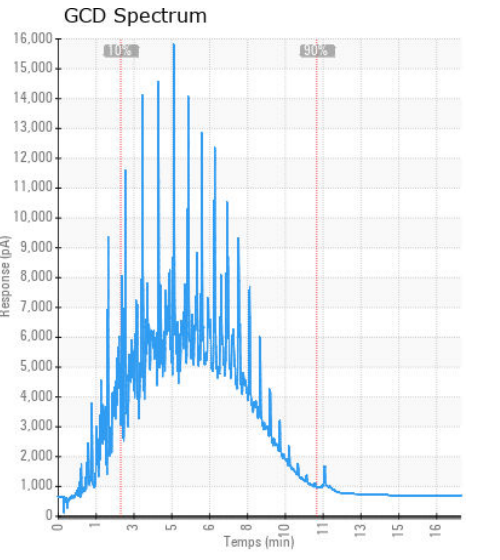
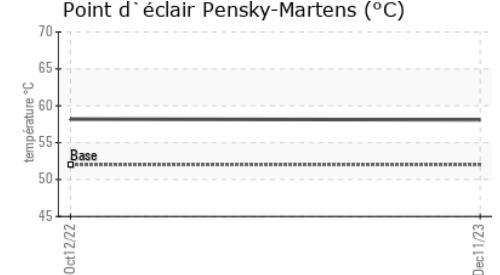
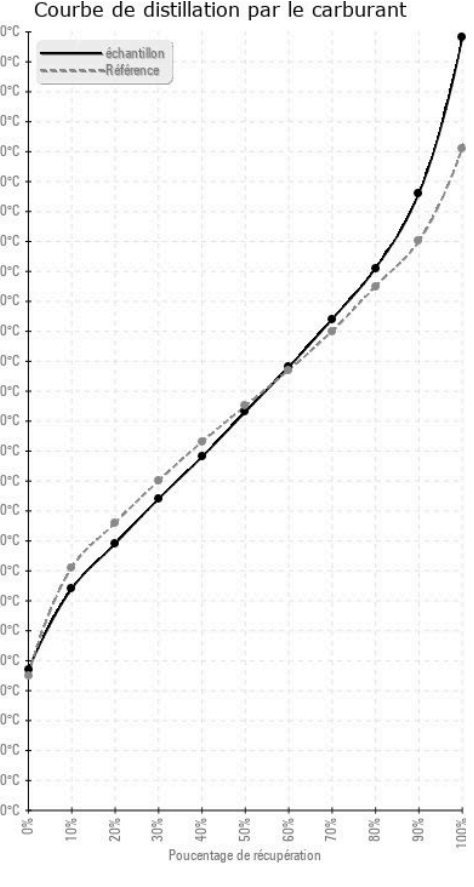
PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>2500	1243	694	---
Particules >6µ		ASTM D7647	>640	312	167	---
Particules >14µ		ASTM D7647	>80	20	15	---
Particules >21µ		ASTM D7647	>20	4	5	---
Particules >38µ		ASTM D7647	>4	0	1	---
Particules >71µ		ASTM D7647	>3	0	0	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	17/15/11	17/15/11	---



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	<1	---
Calcium	ppm	ASTM D5185(m)	<0.1	<1	---
Magnésium	ppm	ASTM D5185(m)	<0.1	<1	---
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
Fond					no image

GRAPHIQUES



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021103
N° de laboratoire : 02602692
Numéro unique : 5695777
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
 cindy.harrison@cummins.com
 T: (613)736-1146
 F: x:

Pour discuter cette rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.