



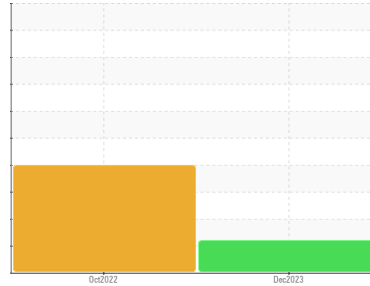
RAPPORT DU CARBURANT

Sample Rating Trend

ISO(LES NORMES)

Secteur
[101781]
Identité de la machine
G1 (S/N 33199718)

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. We advise that you filter this fluid before use. We recommend you service the filters on this component. Resample at the next service interval to monitor.

Corrosionne

{not applicable}

▲ Contaminants

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

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
Número d'échant.	Client Info			CU0020772	CU0018961	---
Date d'échant.	Client Info			11 Dec 2023	12 Oct 2022	---
Âge d la Machine	hrs	Client Info		124	112	---
Statut de l'échant.				ATTENTION	SEVERE	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	0.829	0.829	---
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	56.2	52.7	---

SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	250	26	15	---

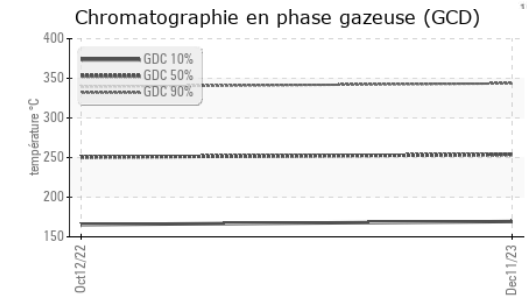
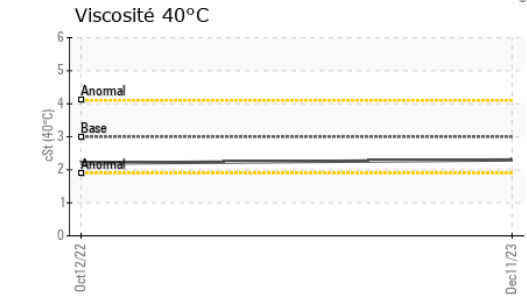
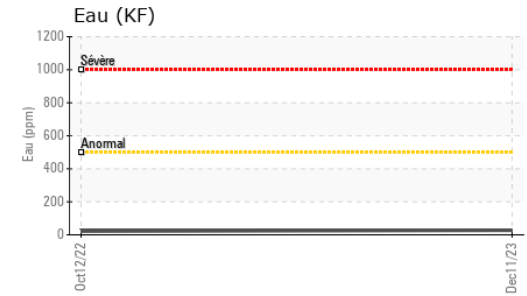
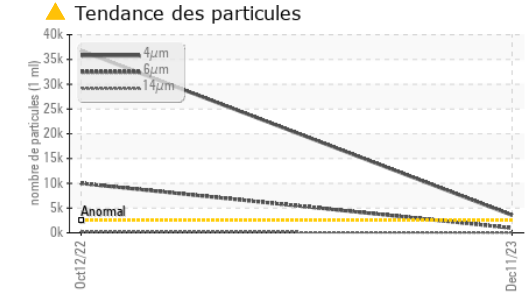
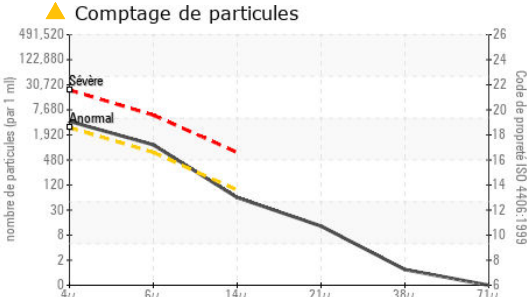
DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	164	156	---
Point de distillation de 5%	°C	ASTM D2887*		182	176	---
Point de distillation de 10%	°C	ASTM D2887*	201	192	186	---
Point de distillation de 15%	°C	ASTM D2887*		200	194	---
Point de distillation de 20%	°C	ASTM D2887*	216	208	203	---
Point de distillation de 30%	°C	ASTM D2887*	230	223	219	---
Point de distillation de 40%	°C	ASTM D2887*	243	237	234	---
Point de distillation de 50%	°C	ASTM D2887*	255	252	250	---
Point de distillation de 60%	°C	ASTM D2887*	267	268	265	---
Point de distillation de 70%	°C	ASTM D2887*	280	283	281	---
Point de distillation de 80%	°C	ASTM D2887*	295	301	298	---
Point de distillation de 85%	°C	ASTM D2887*		313	309	---
Point de distillation de 90%	°C	ASTM D2887*	310	325	321	---
Point de distillation de 95%	°C	ASTM D2887*		346	338	---
Point d'ébullition final	°C	ASTM D2887*	341	374	348	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	39	39	---
Indice de cétane		ASTM D4737*	<40.0	50	49	---

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	0	0	---
Eau	%	ASTM D6304*	<0.05	0.003	0.002	---
ppm d'eau	ppm	ASTM D6304*	<500	27	22.2	---

PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>2500	▲ 3556	● 36782	---
Particules >6µ		ASTM D7647	>640	▲ 975	● 9984	---
Particules >14µ		ASTM D7647	>80	53	▲ 184	---
Particules >21µ		ASTM D7647	>20	11	18	---
Particules >38µ		ASTM D7647	>4	1	1	---
Particules >71µ		ASTM D7647	>3	0	0	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	▲ 19/17/13	● 22/20/15	---

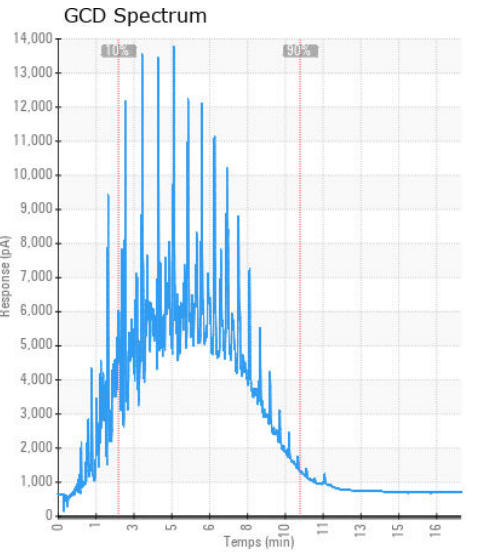
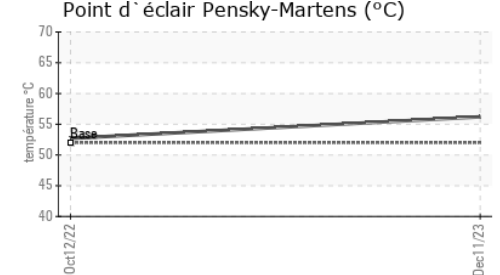
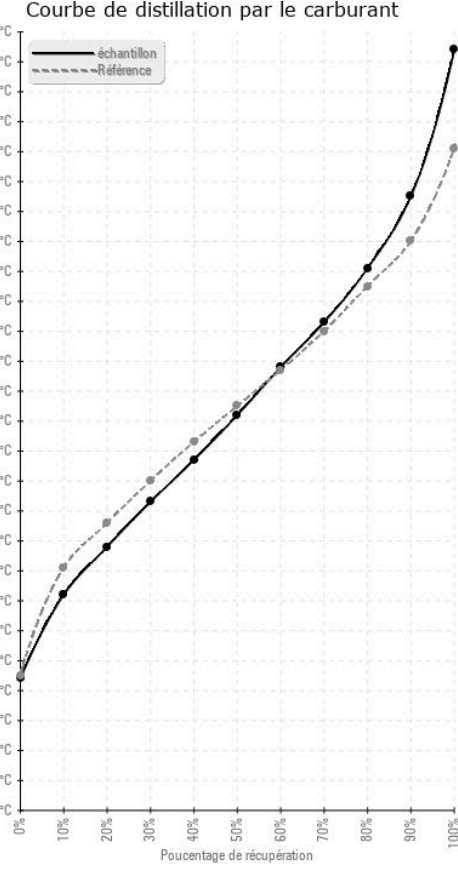
RAPPORT DU CARBURANT



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	2	---
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	0	---
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 : CU0020772
N° de laboratoire : 02602693
Numéro unique : 5695778
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.