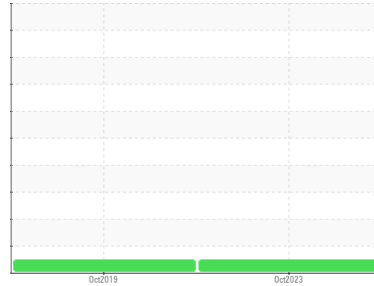




RAPPORT DU CARBURANT

Sample Rating Trend

NORMALE



Secteur
[99894]
 Identité de la machine
10819

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			CU0020764	CU0015142	---
Date d'échant.	Client Info			17 Oct 2023	05 Oct 2019	---
Âge d la Machine	hrs	Client Info		353	0	---
Statut de l'échant.				NORMAL	NORMAL	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	0.830	0.828	---
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	54.7	55	---

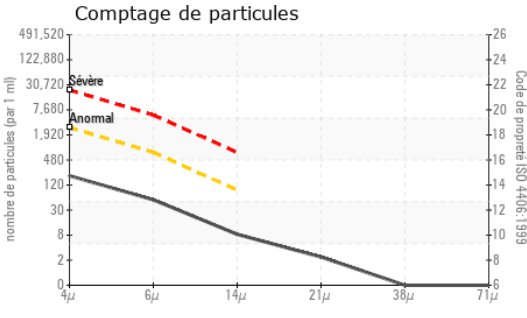
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	250	15	18	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	163	153	---
Point de distillation de 5%	°C	ASTM D2887*		183	180	---
Point de distillation de 10%	°C	ASTM D2887*	201	193	189	---
Point de distillation de 15%	°C	ASTM D2887*		201	197	---
Point de distillation de 20%	°C	ASTM D2887*	216	209	206	---
Point de distillation de 30%	°C	ASTM D2887*	230	224	221	---
Point de distillation de 40%	°C	ASTM D2887*	243	238	236	---
Point de distillation de 50%	°C	ASTM D2887*	255	252	250	---
Point de distillation de 60%	°C	ASTM D2887*	267	267	264	---
Point de distillation de 70%	°C	ASTM D2887*	280	283	278	---
Point de distillation de 80%	°C	ASTM D2887*	295	299	293	---
Point de distillation de 85%	°C	ASTM D2887*		311	301	---
Point de distillation de 90%	°C	ASTM D2887*	310	322	313	---
Point de distillation de 95%	°C	ASTM D2887*		342	331	---
Point d'ébullition final	°C	ASTM D2887*	341	368	344	---
Résidu de distillation	%	ASTM D86(e)*	3.0	---	1.4	---
Perte par distillation	%	ASTM D86(e)*	3.0	---	0.5	---

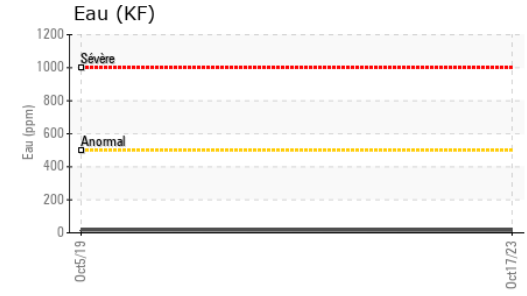
IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	38	39.4	---
Indice de cétane		ASTM D4737*	<40.0	50	50.4	---

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	<1	---
Eau	%	ASTM D6304*	<0.05	0.002	0.001	---
ppm d'eau	ppm	ASTM D6304*	<500	15.8	17.4	---

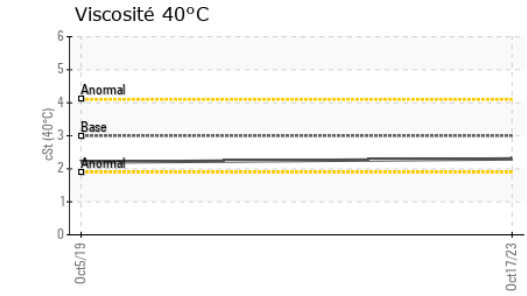
RAPPORT DU CARBURANT



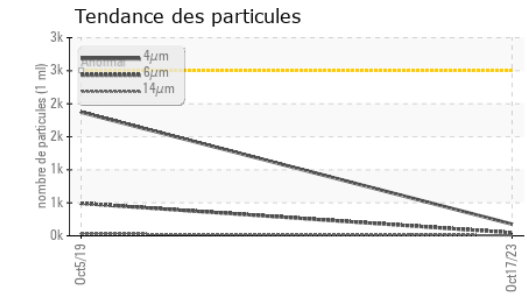
PROPRETÉ DU FLUIDE	methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	177	1872	---
Particules >6µ	ASTM D7647	>640	47	491	---
Particules >14µ	ASTM D7647	>80	7	30	---
Particules >21µ	ASTM D7647	>20	2	11	---
Particules >38µ	ASTM D7647	>4	0	0	---
Particules >71µ	ASTM D7647	>3	0	0	---
Propreté de l'huile	ISO 4406 (c)	>18/16/13	15/13/10	18/16/12	---



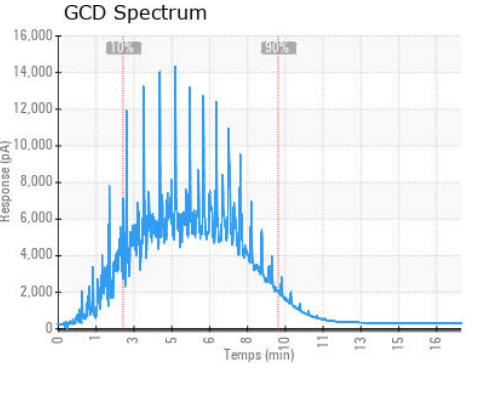
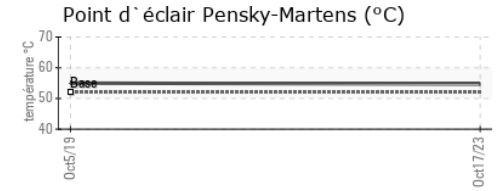
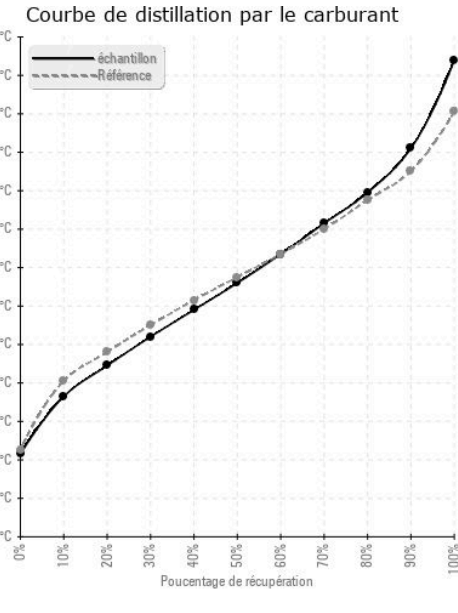
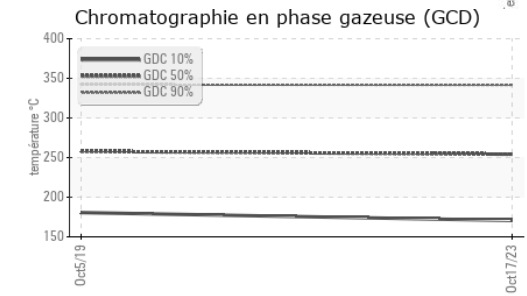
HEAVY METALS	methode	limite/base	actuel	passé1	passé2
Aluminium	ppm	ASTM D5185(m)	<0.1	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	0	0
Plomb	ppm	ASTM D5185(m)	<0.1	0	0
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0
Fer	ppm	ASTM D5185(m)	<0.1	<1	<1
Calcium	ppm	ASTM D5185(m)	<0.1	0	0
Magnésium	ppm	ASTM D5185(m)	<0.1	0	<1
Phosphore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



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
N° d'échantillon : CU0020764
N° de laboratoire : **02593063**
Numéro unique : 5670142
Analyse : FUEL (Additional Tests: CC Flash, GC-PerFuel, 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.