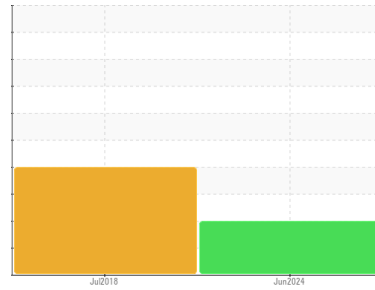




RAPPORT DU CARBURANT

Sample Rating Trend



ISO(LES NORMES)



Secteur
[104101]

Identité de la machine

5117A

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. We advise that you filter this fluid before use. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

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 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			CU0021129	CU0013759	---
Date d'échant.	Client Info			22 Jun 2024	21 Jul 2018	---
Âge d la Machine	hrs	Client Info		535	337	---
Statut de l'échant.				ATTENTION	MARGINAL	---

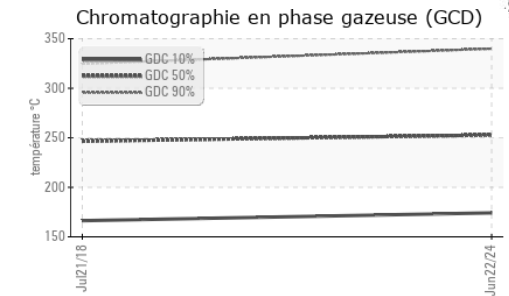
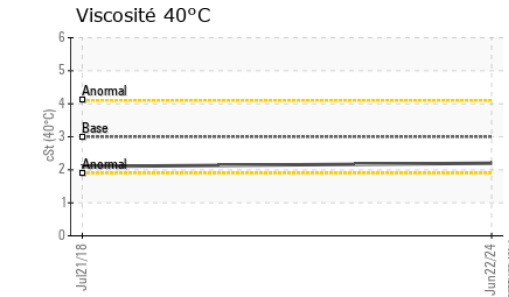
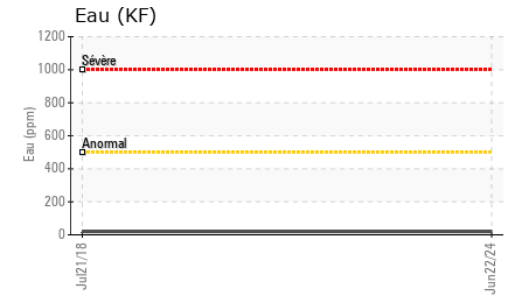
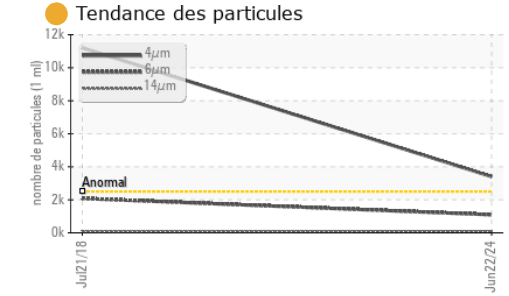
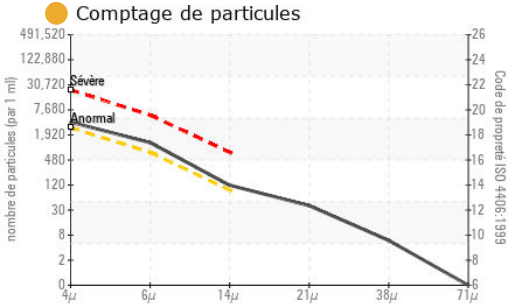
PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	0.823	0.817	---
Couleur du carburant	text	Visual Screen*	Yllow	Red	Red	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.2	2.1	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	55.5	55	---

SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	9	6	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	165	156	---
Point de distillation de 5%	°C	ASTM D2887*		187	180	---
Point de distillation de 10%	°C	ASTM D2887*	201	195	189	---
Point de distillation de 15%	°C	ASTM D2887*		203	195	---
Point de distillation de 20%	°C	ASTM D2887*	216	210	202	---
Point de distillation de 30%	°C	ASTM D2887*	230	224	216	---
Point de distillation de 40%	°C	ASTM D2887*	243	237	230	---
Point de distillation de 50%	°C	ASTM D2887*	255	251	244	---
Point de distillation de 60%	°C	ASTM D2887*	267	265	257	---
Point de distillation de 70%	°C	ASTM D2887*	280	279	271	---
Point de distillation de 80%	°C	ASTM D2887*	295	296	286	---
Point de distillation de 85%	°C	ASTM D2887*		309	294	---
Point de distillation de 90%	°C	ASTM D2887*	310	322	305	---
Point de distillation de 95%	°C	ASTM D2887*		344	323	---
Point d'ébullition final	°C	ASTM D2887*	341	381	335	---
Résidu de distillation	%	ASTM D86(e)*	3.0	---	1.4	---
Perte par distillation	%	ASTM D86(e)*	3.0	---	0.9	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	40	41.7	---
Indice de cétane		ASTM D4737*	<40.0	52	53.5	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	0	<1	---
Potassium	ppm	ASTM D5185(m)	<0.1	<1	0	---
Eau	%	ASTM D6304*	<0.05	0.002	0.002	---
ppm d'eau	ppm	ASTM D6304*	<500	20	20.1	---

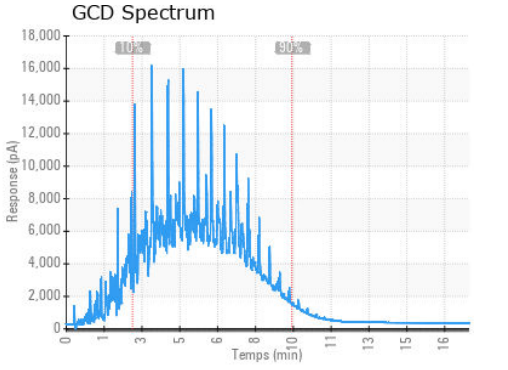
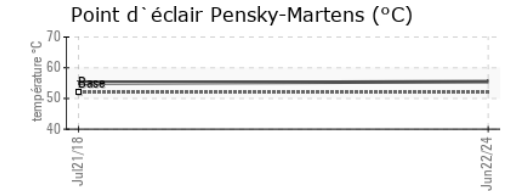
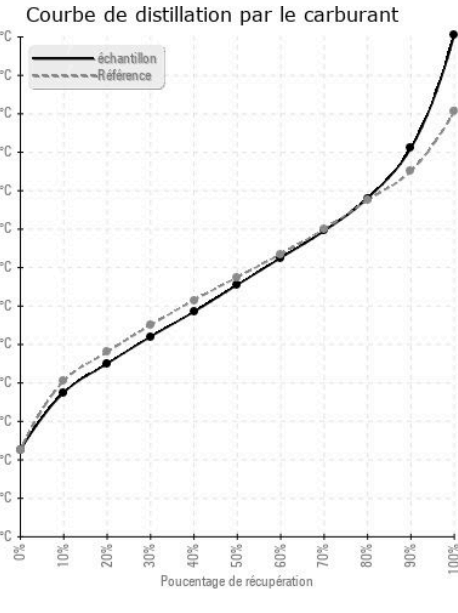


PROPRETÉ DU FLUIDE	methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	3405	11207	---
Particules >6µ	ASTM D7647	>640	1096	2082	---
Particules >14µ	ASTM D7647	>80	105	85	---
Particules >21µ	ASTM D7647	>20	34	20	---
Particules >38µ	ASTM D7647	>4	5	0	---
Particules >71µ	ASTM D7647	>3	0	0	---
Propreté de l'huile	ISO 4406 (c)	>18/16/13	19/17/14	21/18/14	---

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	0	<1	---
Calcium	ppm	ASTM D5185(m)	<0.1	0	0	---
Magnésium	ppm	ASTM D5185(m)	<0.1	0	0	---
Phosphore	ppm	ASTM D5185(m)	<0.1	<1	<1	---
Zinc	ppm	ASTM D5185(m)	<0.1	<1	0	---

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 : CU0021129
N° de laboratoire : **02644443**
Numéro unique : 5801982
Analyse : FUEL (Additional Tests: CC Flash, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5

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.

Contact: Cindy Harrison
 cindy.harrison@cummins.com
 T: (613)736-1146
 F: x: