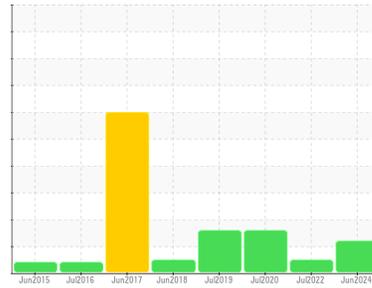




RAPPORT DU CARBURANT

Sample Rating Trend



ISO(LES NORMES)



Identité de la machine

36409946

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. We recommend you service the filters on this component. 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			CU0023633	CU0018969	CU0016220
Date d'échant.	Client Info			21 Jun 2024	08 Jul 2022	01 Jul 2020
Âge d la Machine	hrs	Client Info		365	358	0
Statut de l'échant.				ATTENTION	NORMAL	ABNORMAL

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité	ASTM D1298*	0.839	0.827	0.827	0.831	
Couleur du carburant	text	Visual Screen*	Yllow	LiRed	Pink	Pink
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.2	2.2	2.1
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	54.5	54	63

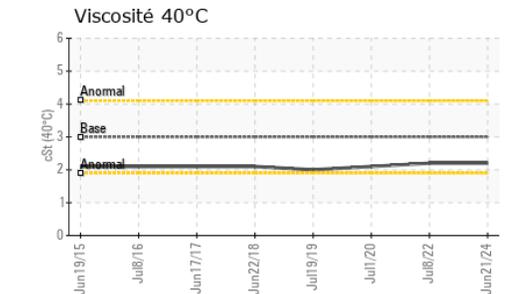
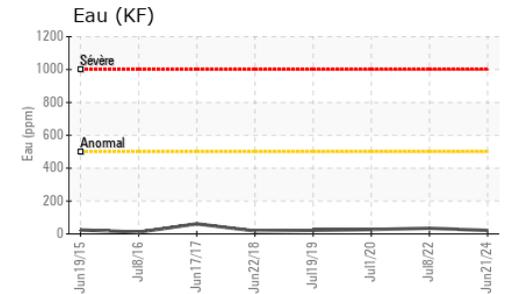
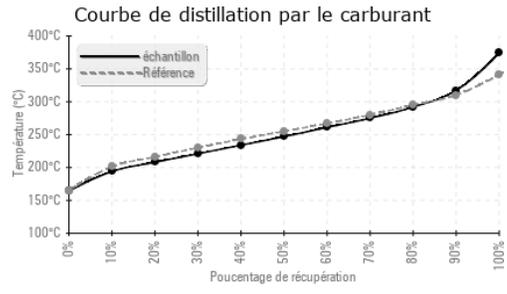
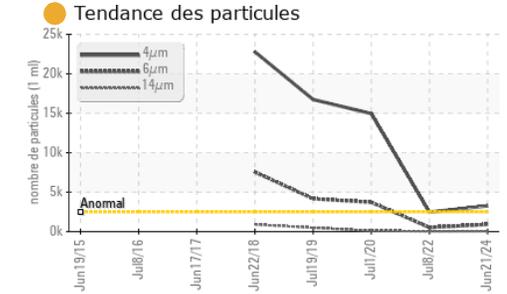
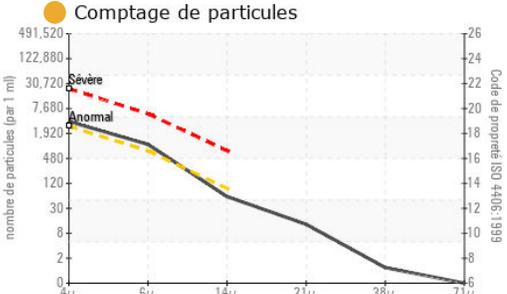
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	9	11	● 33

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	164	133	162
Point de distillation de 5%	°C	ASTM D2887*		186	174	186
Point de distillation de 10%	°C	ASTM D2887*	201	194	188	194
Point de distillation de 15%	°C	ASTM D2887*		201	198	201
Point de distillation de 20%	°C	ASTM D2887*	216	208	206	207
Point de distillation de 30%	°C	ASTM D2887*	230	221	221	221
Point de distillation de 40%	°C	ASTM D2887*	243	234	235	234
Point de distillation de 50%	°C	ASTM D2887*	255	247	249	247
Point de distillation de 60%	°C	ASTM D2887*	267	261	263	261
Point de distillation de 70%	°C	ASTM D2887*	280	275	278	275
Point de distillation de 80%	°C	ASTM D2887*	295	292	293	291
Point de distillation de 85%	°C	ASTM D2887*		304	304	301
Point de distillation de 90%	°C	ASTM D2887*	310	317	316	313
Point de distillation de 95%	°C	ASTM D2887*		339	335	333
Point d'ébullition final	°C	ASTM D2887*	341	374	345	352
Résidu de distillation	%	ASTM D86(e)*	3.0	---	---	---
Perte par distillation	%	ASTM D86(e)*	3.0	---	---	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API	ASTM D1298*	37.7	39	39	---	
Indice de cétane	ASTM D4737*	<40.0	50	50	48	

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	0	<1
Sodium	ppm	ASTM D5185(m)	<0.1	0	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	0
Eau	%	ASTM D6304*	<0.05	0.002	0.003	0.003
ppm d'eau	ppm	ASTM D6304*	<500	21	34.6	26.4

RAPPORT DU CARBURANT



PROPRETÉ DU FLUIDE	methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	● 3261	2475	▲ 14955
Particules >6µ	ASTM D7647	>640	● 918	528	▲ 3720
Particules >14µ	ASTM D7647	>80	● 51	38	● 114
Particules >21µ	ASTM D7647	>20	● 11	10	27
Particules >38µ	ASTM D7647	>4	● 1	2	0
Particules >71µ	ASTM D7647	>3	● 0	0	0
Propreté de l'huile	ISO 4406 (c)	>18/16/13	● 19/17/13	18/16/12	▲ 21/19/14

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

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer					
Fond					



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0023633
N° de laboratoire : 02644073
Numéro unique : 5801612
Analyse : FUEL (Additional Tests: CC Flash, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
 cindy.harrison@cummins.com

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.