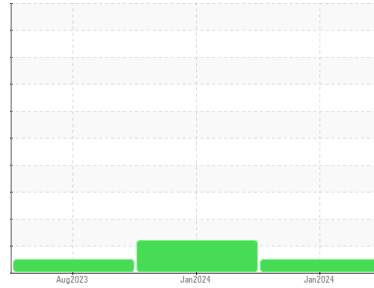




RAPPORT DU CARBURANT

Sample Rating Trend

NORMALE



Secteur
[102095]
 Identité de la machine
25453454

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. 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 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			CU0019855	CU0019819	CU0019853
Date d'échant.	Client Info			27 Jan 2024	27 Jan 2024	15 Aug 2023
Âge d la Machine	hrs	Client Info		126	13	0
Statut de l'échant.				NORMAL	ATTENTION	NORMAL

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité	ASTM D1298*	0.839	0.829	0.829	0.829	
Couleur du carburant	text	Visual Screen*	Yllow	Red	Red	Red
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.1	2.1	2.1
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	54.2	54.1	54

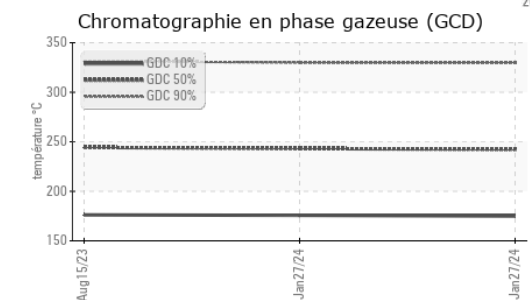
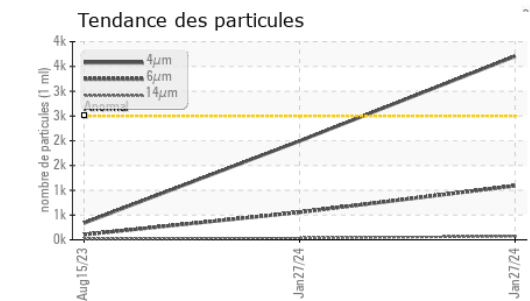
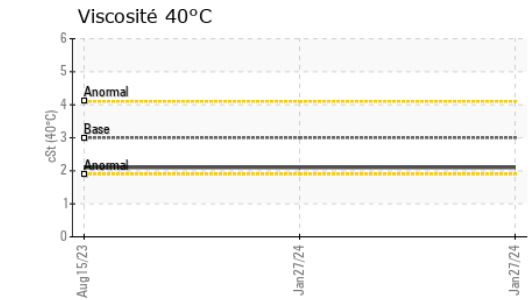
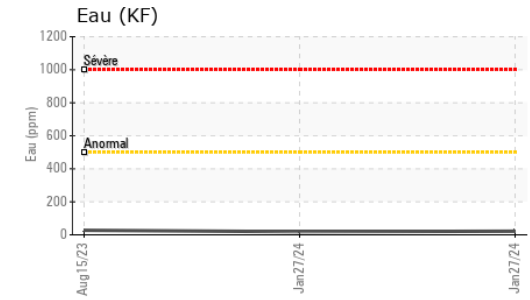
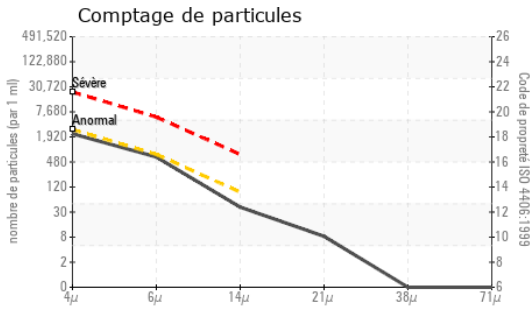
SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	5	5	6

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	165	165	165
Point de distillation de 5%	°C	ASTM D2887*		188	187	188
Point de distillation de 10%	°C	ASTM D2887*	201	196	196	197
Point de distillation de 15%	°C	ASTM D2887*		203	202	203
Point de distillation de 20%	°C	ASTM D2887*	216	209	208	210
Point de distillation de 30%	°C	ASTM D2887*	230	220	219	221
Point de distillation de 40%	°C	ASTM D2887*	243	231	230	232
Point de distillation de 50%	°C	ASTM D2887*	255	241	241	243
Point de distillation de 60%	°C	ASTM D2887*	267	255	254	256
Point de distillation de 70%	°C	ASTM D2887*	280	268	267	270
Point de distillation de 80%	°C	ASTM D2887*	295	286	285	288
Point de distillation de 85%	°C	ASTM D2887*		298	298	300
Point de distillation de 90%	°C	ASTM D2887*	310	311	311	313
Point de distillation de 95%	°C	ASTM D2887*		332	333	334
Point d'ébullition final	°C	ASTM D2887*	341	352	354	353

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

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	0	0	0
Sodium	ppm	ASTM D5185(m)	<0.1	<1	<1	<1
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	0
Eau	%	ASTM D6304*	<0.05	---	---	0.003
ppm d'eau	ppm	ASTM D6304*	<500	22	19	27.4

PROPRETÉ DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	1995	▲ 3706	338	
Particules >6µ	ASTM D7647	>640	556	▲ 1091	104	
Particules >14µ	ASTM D7647	>80	35	71	15	
Particules >21µ	ASTM D7647	>20	7	17	5	
Particules >38µ	ASTM D7647	>4	0	1	0	
Particules >71µ	ASTM D7647	>3	0	0	0	
Propreté de l'huile	ISO 4406 (c)	>18/16/13	18/16/12	▲ 19/17/13	16/14/11	

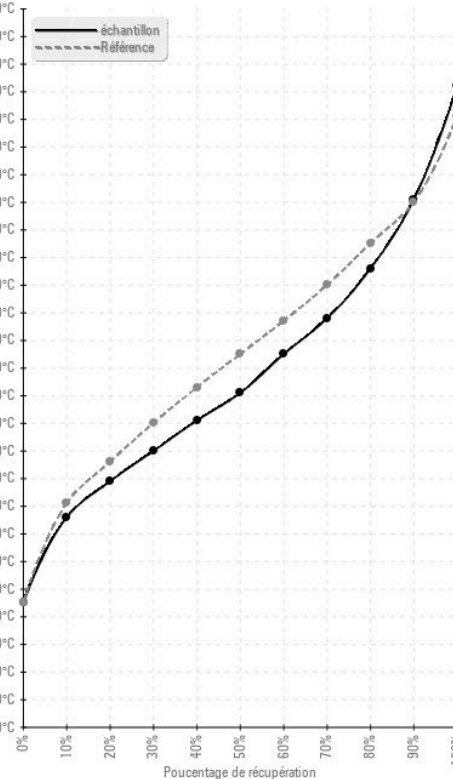


HEAVY METALS	methode	limite/base	actuel	passé1	passé2
Aluminium	ppm	ASTM D5185(m)	<0.1	0	0
Nickel	ppm	ASTM D5185(m)	<0.1	0	0
Plomb	ppm	ASTM D5185(m)	<0.1	0	0
Vanadium	ppm	ASTM D5185(m)	<0.1	0	0
Fer	ppm	ASTM D5185(m)	<0.1	0	<1
Calcium	ppm	ASTM D5185(m)	<0.1	0	0
Magnésium	ppm	ASTM D5185(m)	<0.1	0	0
Phosphore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

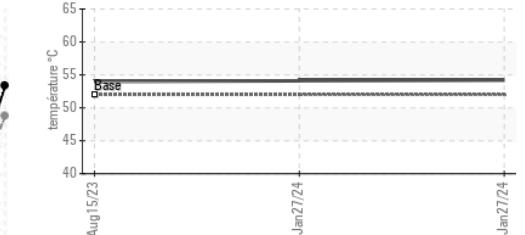
IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer					
Fond					

GRAPHIQUES

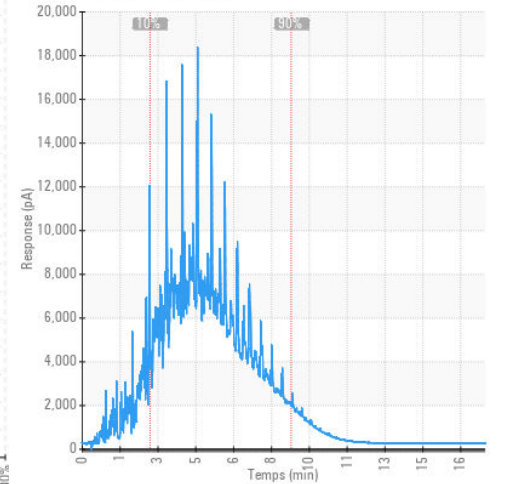
Courbe de distillation par le carburant



Point d'éclair Pensky-Martens (°C)



GCD Spectrum



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0019855
N° de laboratoire : 02612649
Numéro unique : 5721744
Analyse : FUEL (Additional Tests: CC Flash, GC-PerFuel, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Max Lauzon
 max.lauzon@cummins.com

Pour discuter ce 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.

T:
F: (613)736-1202