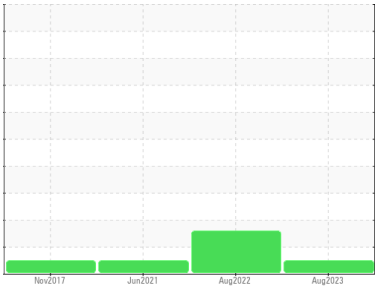
RAPPORT DU CARBURANT

Sample Rating Trend



NORMALE

Secteur
PSPC [99831]
Identité de la machine
79278483
Composant
Carburant diesel
Fluide
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		**CU0018941**	CU0018936	CU0017934
Date d'échant.		Client Info		**22 Aug 2023**	23 Aug 2022	22 Jun 2021
Âge d la Machine	hrs	Client Info		**0**	209	0
Statut de l'échant.				**NORMAL**	ATTENTION	NORMAL

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	**0.834**	0.835	0.832
Couleur du carburant	text	Visual Screen*	Yllow	**Red**	Red	Pink
Visc 40°C	cSt	ASTM D7279(m)	3.0	**2.4**	2.4	2.2
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	**55.8**	54	56.6

SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	**8**	10	12

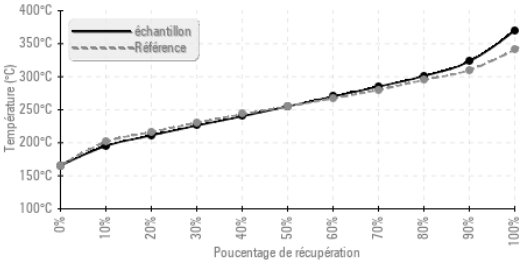
DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	**165**	155	159
Point de distillation de 5%	°C	ASTM D2887*		**186**	181	179
Point de distillation de 10%	°C	ASTM D2887*	201	**195**	192	190
Point de distillation de 15%	°C	ASTM D2887*		**203**	201	198
Point de distillation de 20%	°C	ASTM D2887*	216	**211**	209	207
Point de distillation de 30%	°C	ASTM D2887*	230	**226**	225	221
Point de distillation de 40%	°C	ASTM D2887*	243	**240**	240	235
Point de distillation de 50%	°C	ASTM D2887*	255	**255**	255	249
Point de distillation de 60%	°C	ASTM D2887*	267	**270**	270	264
Point de distillation de 70%	°C	ASTM D2887*	280	**285**	285	279
Point de distillation de 80%	°C	ASTM D2887*	295	**301**	303	298
Point de distillation de 85%	°C	ASTM D2887*		**312**	313	310
Point de distillation de 90%	°C	ASTM D2887*	310	**323**	325	323
Point de distillation de 95%	°C	ASTM D2887*		**342**	341	342
Point d'ébullition final	°C	ASTM D2887*	341	**370**	349	367
Résidus 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	**38**	37	38
Indice de cétane		ASTM D4737*	<40.0	**49**	48	48

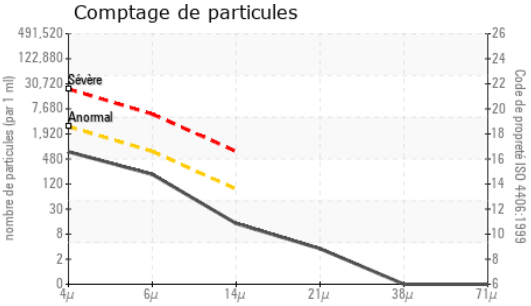
CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	**0**	0	<1
Sodium	ppm	ASTM D5185(m)	<0.1	**0**	0	<1
Potassium	ppm	ASTM D5185(m)	<0.1	**<1**	0	0
Eau	%	ASTM D6304*	<0.05	**0.003**	0.004	0.002
ppm d'eau	ppm	ASTM D6304*	<500	**27.4**	45.5	24.4

RAPPORT DU CARBURANT

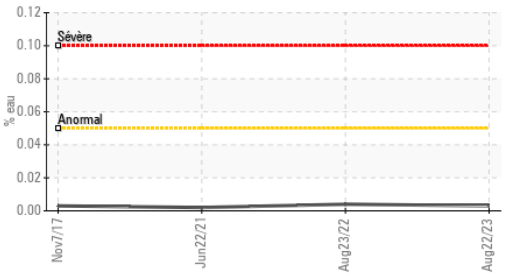
Courbe de distillation par le carburant



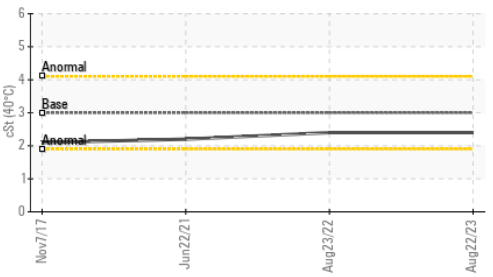
Comptage de particules



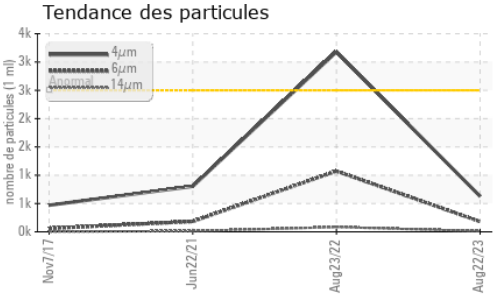
Eau



Viscosité 40°C

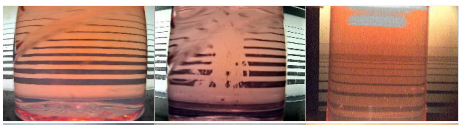


Tendance des particules



PROPRETé DU FLUIDE	methode	limite/base	actuel	passé1	passé2
Particules >4µ	ASTM D7647	>2500	**628**	▲ 3180	804
Particules >6µ	ASTM D7647	>640	**180**	▲ 1072	183
Particules >14µ	ASTM D7647	>80	**12**	▲ 84	13
Particules >21µ	ASTM D7647	>20	**3**	17	4
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	**16/15/11**	▲ 19/17/14	17/15/11

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

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

ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : CU0018941 **Reçu** : 23 Aug 2023
Nº de laboratoire : 02577830 **Diagnostiqué** : 28 Aug 2023
Numéro unique : 5630890 **Diagnostiqueur** : Kevin Marson
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

Pour discuter cetter 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.

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