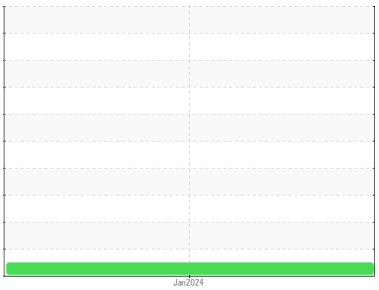
RAPPORT DU CARBURANT

Sample Rating Trend



NORMALE

Secteur
[49670]
Identité de la machine
NO UNIT CU0021658
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		**CU0021658**	---	---
Date d'échant.		Client Info		**30 Jan 2024**	---	---
Âge d la Machine	hrs	Client Info		**0**	---	---
Statut de l'échant.				**NORMAL**	---	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	**0.823**	---	---
Couleur du carburant	text	Visual Screen*	Yllow	**Orang**	---	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	**1.8**	---	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	**53.8**	---	---

SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	10	**19**	---	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	**162**	---	---
Point de distillation de 5%	°C	ASTM D2887*		**180**	---	---
Point de distillation de 10%	°C	ASTM D2887*	201	**188**	---	---
Point de distillation de 15%	°C	ASTM D2887*		**194**	---	---
Point de distillation de 20%	°C	ASTM D2887*	216	**200**	---	---
Point de distillation de 30%	°C	ASTM D2887*	230	**210**	---	---
Point de distillation de 40%	°C	ASTM D2887*	243	**221**	---	---
Point de distillation de 50%	°C	ASTM D2887*	255	**233**	---	---
Point de distillation de 60%	°C	ASTM D2887*	267	**246**	---	---
Point de distillation de 70%	°C	ASTM D2887*	280	**259**	---	---
Point de distillation de 80%	°C	ASTM D2887*	295	**276**	---	---
Point de distillation de 85%	°C	ASTM D2887*		**288**	---	---
Point de distillation de 90%	°C	ASTM D2887*	310	**300**	---	---
Point de distillation de 95%	°C	ASTM D2887*		**320**	---	---
Point d'ébullition final	°C	ASTM D2887*	341	**342**	---	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	**40**	---	---
Indice de cétane		ASTM D4737*	<40.0	**48**	---	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	**<1**	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	**<1**	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	**0**	---	---
ppm d'eau	ppm	ASTM D6304*	<500	**25**	---	---

PROPRETé DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>2500	**525**	---	---
Particules >6µ		ASTM D7647	>640	**131**	---	---
Particules >14µ		ASTM D7647	>80	**8**	---	---
Particules >21µ		ASTM D7647	>20	**3**	---	---
Particules >38µ		ASTM D7647	>4	**0**	---	---
Particules >71µ		ASTM D7647	>3	**0**	---	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	**16/14/10**	---	---

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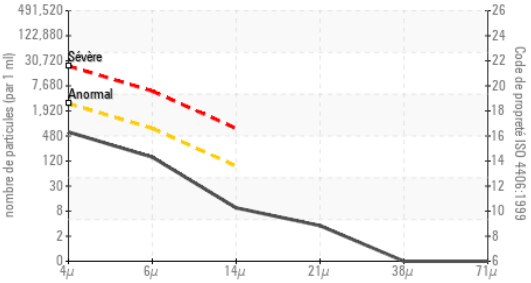
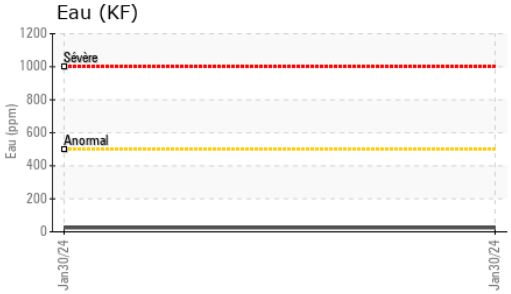
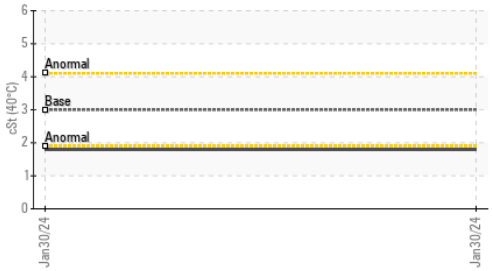
Comptage de particules



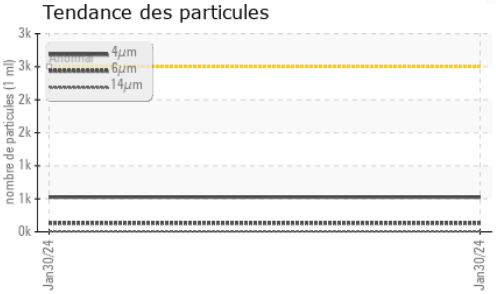
Eau (KF)



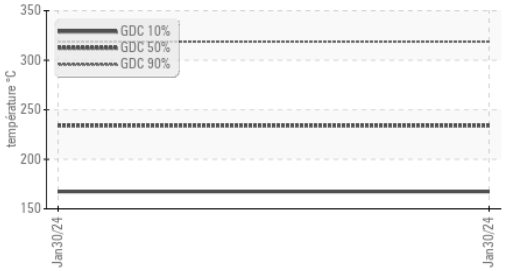
Viscosité 40°C



Tendance des particules



Chromatographie en phase gazeuse (GCD)

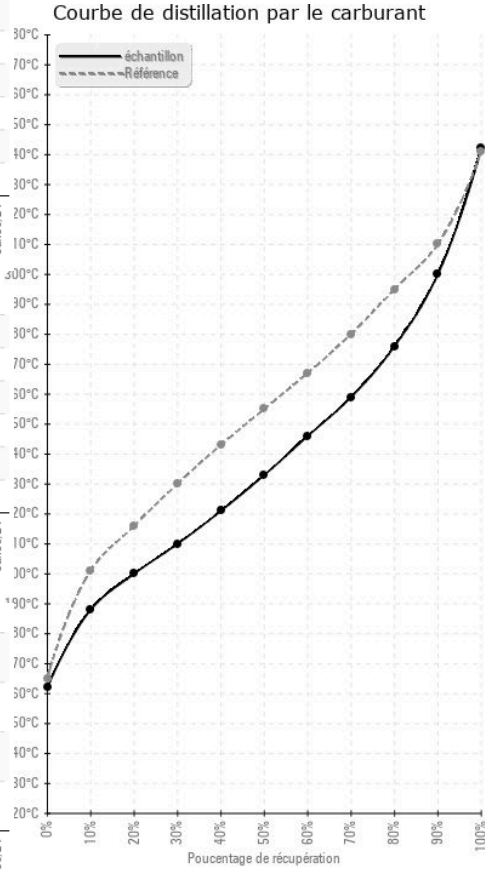


HEAVY METALS		methode	limite/base	actuel	passé1	passé2
Aluminium	ppm	ASTM D5185(m)	<0.1	**0**	---	---
Nickel	ppm	ASTM D5185(m)	<0.1	**0**	---	---
Plomb	ppm	ASTM D5185(m)	<0.1	**0**	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	**0**	---	---
Fer	ppm	ASTM D5185(m)	<0.1	**0**	---	---
Calcium	ppm	ASTM D5185(m)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

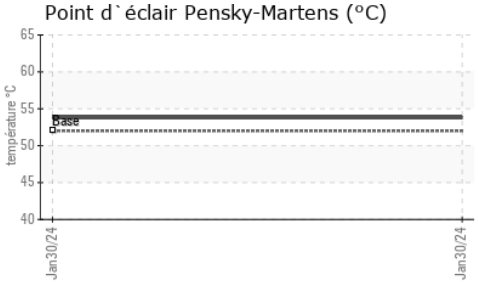
IMAGES DE L'éCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer				*no image*	*no image*
Fond				*no image*	*no image*

GRAPHIQUES

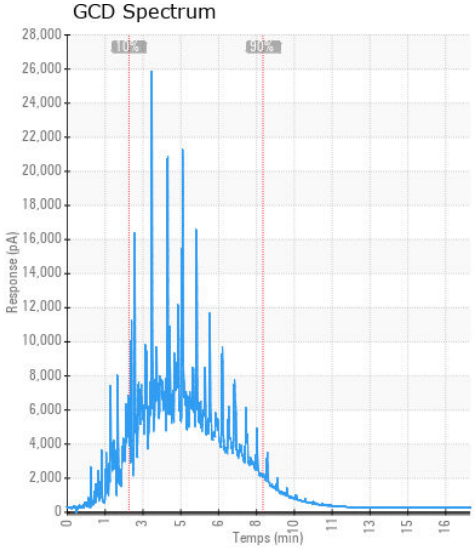
Courbe de distillation par le carburant



Point d`éclair Pensky-Martens (°C)



GCD Spectrum



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : CU0021658
Nº de laboratoire : 02612645
Numéro unique : 5721740
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

Reçu : 31 Jan 2024
Diagnostiqué : 05 Feb 2024
Diagnostiqueur : Bill Quesnel

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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