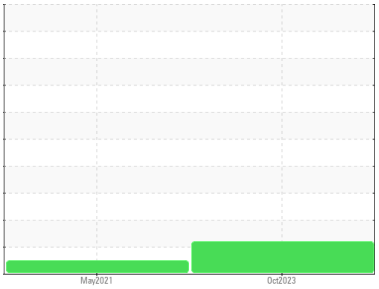
RAPPORT DU CARBURANT

Sample Rating Trend



ISO(LES NORMES)

Secteur
[89860]
Identité de la machine
T-58 (S/N PWGSC)
Composant
Carburant diesel Principal
Fluide
No.2 DIESEL FUEL (LOW-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.

Corrossione
{not applicable}

▲ 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 diesel fuel, low sulfur (US EPA/CGSB-3.517-3 type B).

INFORMATION SUR L'éCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.		Client Info		**CU0020735**	CU0017943	---
Date d'échant.		Client Info		**04 Oct 2023**	25 May 2021	---
Âge d la Machine	hrs	Client Info		**0**	0	---
Statut de l'échant.				**ATTENTION**	NORMAL	---

PHYSICAL PROPERTIES		methode	limite/base	actuel	passé1	passé2
Densité		ASTM D1298*	0.839	**0.836**	0.845	---
Couleur du carburant	text	Visual Screen*	Yllow	**Orang**	Pink	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	**2.6**	2.2	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	**58.3**	60.7	---

SULFUR CONTENT		methode	limite/base	actuel	passé1	passé2
Soufre	ppm	ASTM D5185(m)	250	**37**	9	---

DISTILLATION		methode	limite/base	actuel	passé1	passé2
Point d'ébullition initial	°C	ASTM D2887*	165	**168**	162	---
Point de distillation de 5%	°C	ASTM D2887*		**187**	185	---
Point de distillation de 10%	°C	ASTM D2887*	201	**197**	193	---
Point de distillation de 15%	°C	ASTM D2887*		**204**	202	---
Point de distillation de 20%	°C	ASTM D2887*	216	**212**	210	---
Point de distillation de 30%	°C	ASTM D2887*	230	**227**	224	---
Point de distillation de 40%	°C	ASTM D2887*	243	**242**	238	---
Point de distillation de 50%	°C	ASTM D2887*	255	**256**	251	---
Point de distillation de 60%	°C	ASTM D2887*	267	**271**	266	---
Point de distillation de 70%	°C	ASTM D2887*	280	**286**	281	---
Point de distillation de 80%	°C	ASTM D2887*	295	**303**	299	---
Point de distillation de 85%	°C	ASTM D2887*		**315**	310	---
Point de distillation de 90%	°C	ASTM D2887*	310	**327**	323	---
Point de distillation de 95%	°C	ASTM D2887*		**348**	341	---
Point d'ébullition final	°C	ASTM D2887*	341	**376**	366	---

IGNITION QUALITY		methode	limite/base	actuel	passé1	passé2
Densité API		ASTM D1298*	37.7	**---**	35	---
Indice de cétane		ASTM D4737*	<40.0	**---**	44	---

CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	<1.0	**0**	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	**<1**	<1	---
Potassium	ppm	ASTM D5185(m)	<0.1	**0**	0	---
Eau	%	ASTM D6304*	<0.05	**0.002**	0.002	---
ppm d'eau	ppm	ASTM D6304*	<500	**25.0**	20.7	---

PROPRETé DU FLUIDE		methode	limite/base	actuel	passé1	passé2
Particules >4µ		ASTM D7647	>2500	▲ **4543**	2086	---
Particules >6µ		ASTM D7647	>640	▲ **992**	472	---
Particules >14µ		ASTM D7647	>80	**49**	23	---
Particules >21µ		ASTM D7647	>20	**8**	5	---
Particules >38µ		ASTM D7647	>4	**0**	0	---
Particules >71µ		ASTM D7647	>3	**0**	0	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	▲ **19/17/13**	18/16/12	---

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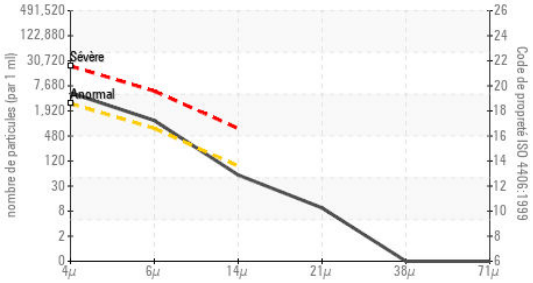
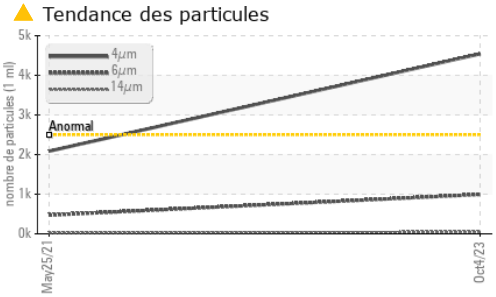
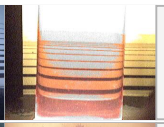
Comptage de particules



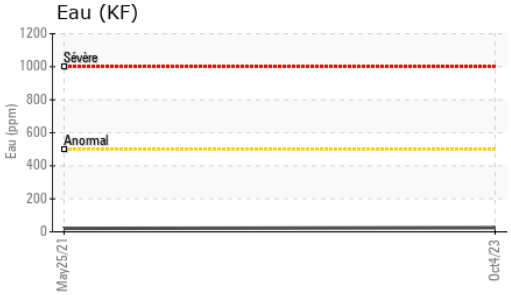
Tendance des particules



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

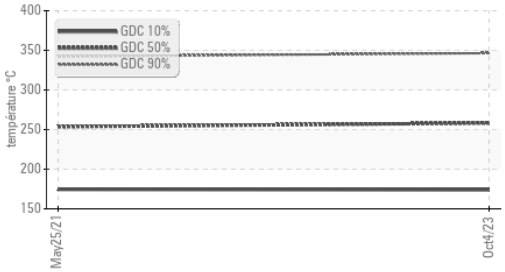
IMAGES DE L'éCHANTILLON	methode	limite/base	actuel	passé1	passé2
Coluer					no image
Fond					no image

Eau (KF)



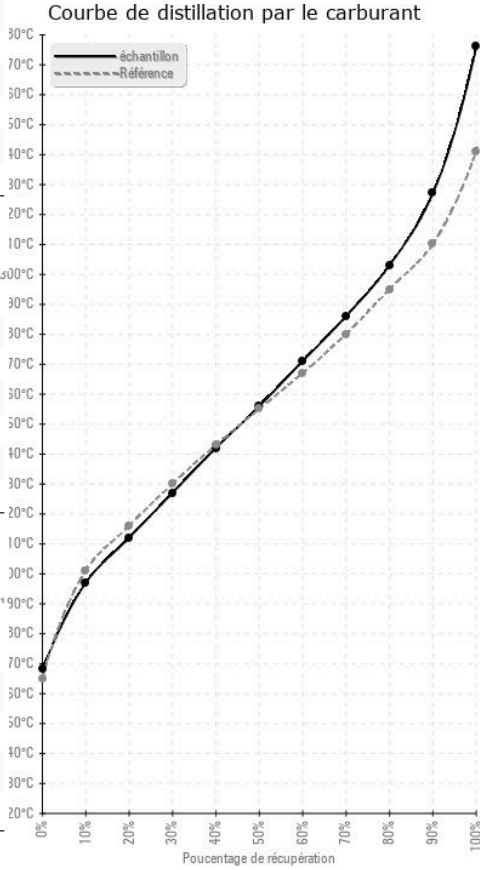
Viscosité 40°C

Chromatographie en phase gazeuse (GCD)

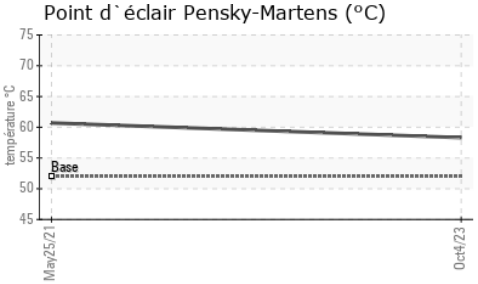


GRAPHIQUES

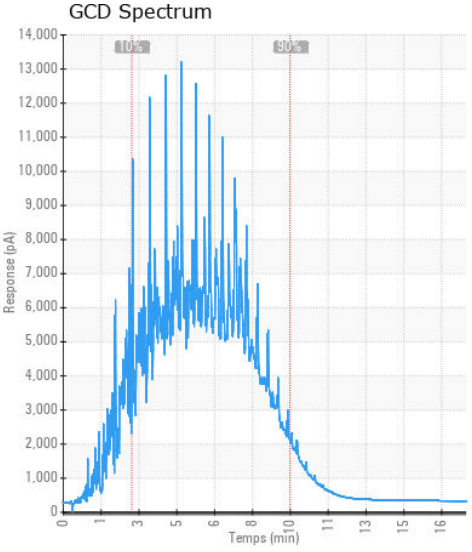
Courbe de distillation par le carburant



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 : CU0020735
Nº de laboratoire : 02587363
Numéro unique : 5656429
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

Reçu : 05 Oct 2023
Diagnostiqué : 06 Oct 2023
Diagnostiqueur : Kevin Marson

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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