



# RAPPORT DU CARBURANT

CORROSSIONE	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
ÉTAT DU CARBURANT	<b>NORMAL</b>

Secteur

**[49253]**

Identité de la machine

**KOHLER 33CFGMFN0001**

Composant

**Carburant diesel**

Fluide

**No.2 DIESEL FUEL (LOW-SULPHUR) (--- GAL)**

## RECOMMENDATION

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0021637</b>	CU0020481	---
Date d'échant.		Client Info		<b>13 Nov 2023</b>	24 Jan 2023	---
Âge d la Machine	hrs	Client Info		<b>0</b>	0	---
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	---

## CORROSSIONE

{not applicable}

Aluminium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Plomb	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Fer	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	---

## CONTAMINANTS

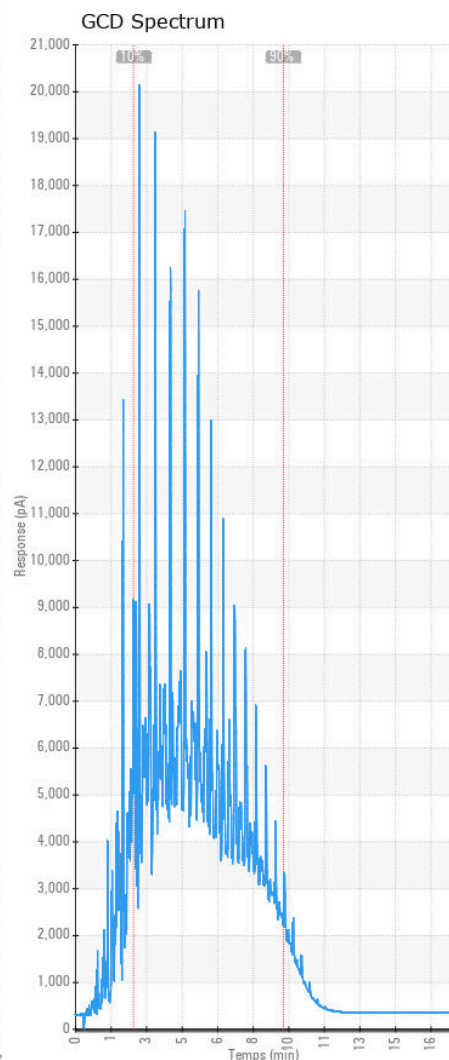
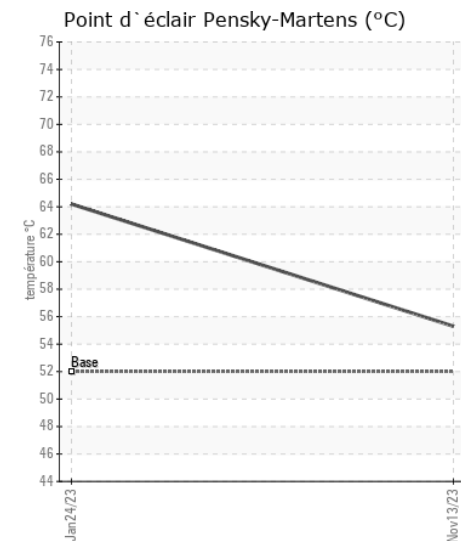
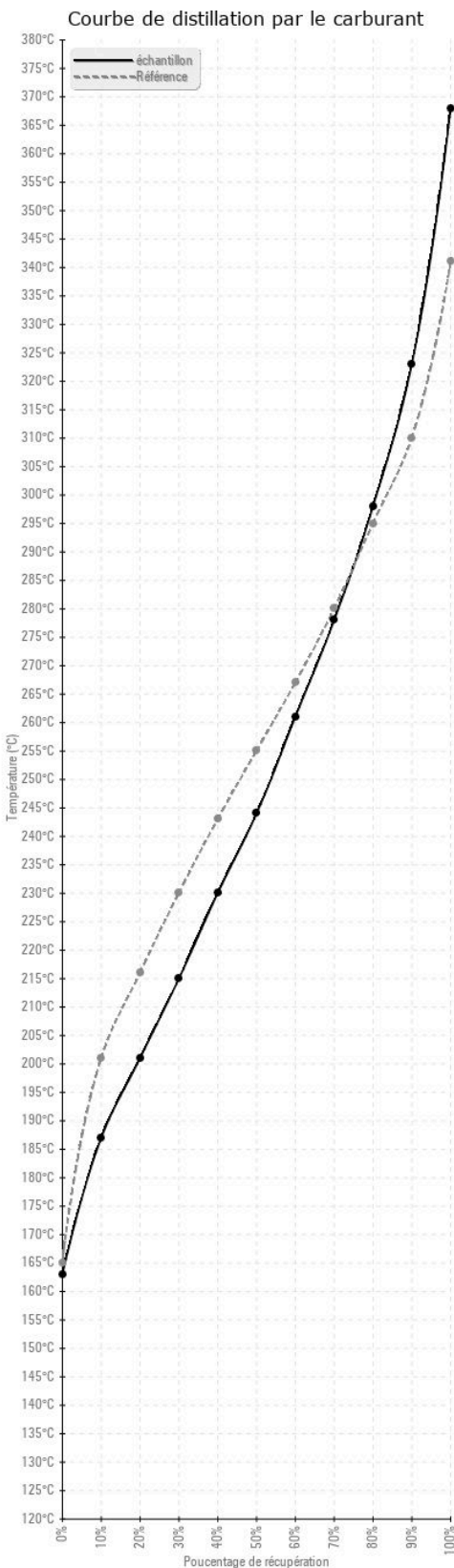
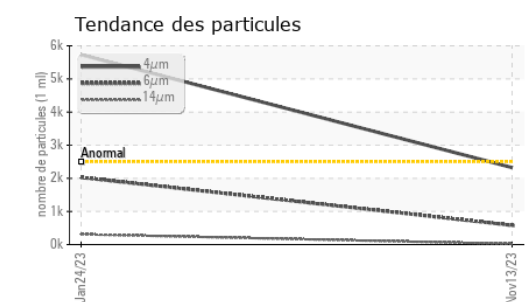
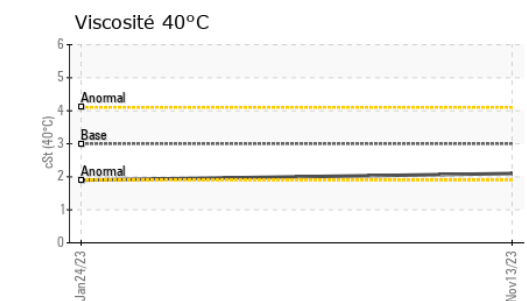
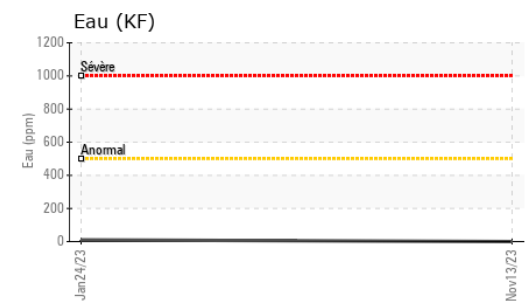
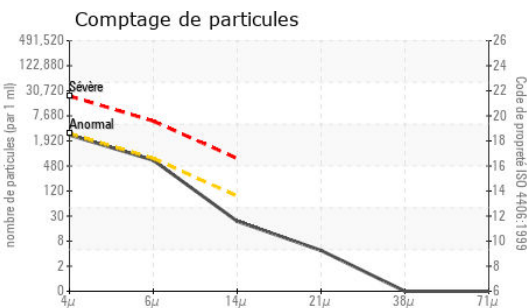
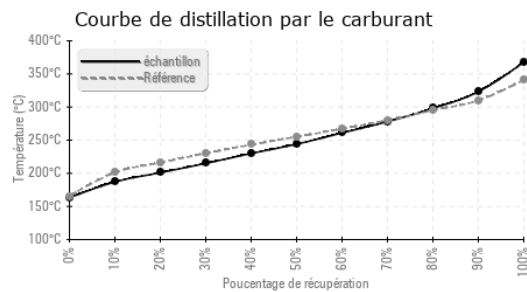
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

Silicium	ppm	ASTM D5185(m)	<1.0	<b>&lt;1</b>	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---
Potassium	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	0	---
Eau	%	ASTM D6304*	<0.05	<b>0.00</b>	0.001	---
ppm d'eau	ppm	ASTM D6304*	<500	<b>0.00</b>	10.3	---
Particules >4µ		ASTM D7647	>2500	<b>2324</b>	▲ 5734	---
Particules >6µ		ASTM D7647	>640	<b>580</b>	▲ 2027	---
Particules >14µ		ASTM D7647	>80	<b>20</b>	▲ 310	---
Particules >21µ		ASTM D7647	>20	<b>4</b>	▲ 123	---
Particules >38µ		ASTM D7647	>4	<b>0</b>	6	---
Particules >71µ		ASTM D7647	>3	<b>0</b>	0	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	<b>18/16/11</b>	▲ 20/18/15	---
Calcium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	<0.1	<b>0</b>	0	---
Phosphore	ppm	ASTM D5185(m)	<0.1	<b>&lt;1</b>	<1	---
Zinc	ppm	ASTM D5185(m)	<0.1	<b>0</b>	<1	---

## 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).

Densité		ASTM D1298*	0.839	<b>0.809</b>	0.812	---
Couleur du carburant	text	Visual Screen*	Yellow	<b>Red</b>	Red	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	<b>2.1</b>	1.9	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	<b>55.3</b>	64.2	---
Soufre	ppm	ASTM D5185(m)	250	<b>7</b>	21	---
Point d'ébullition initial	°C	ASTM D2887*	165	<b>163</b>	174	---
Point de distillation de 10%	°C	ASTM D2887*	201	<b>187</b>	190	---
Point de distillation de 20%	°C	ASTM D2887*	216	<b>201</b>	200	---
Point de distillation de 30%	°C	ASTM D2887*	230	<b>215</b>	209	---
Point de distillation de 40%	°C	ASTM D2887*	243	<b>230</b>	219	---
Point de distillation de 50%	°C	ASTM D2887*	255	<b>244</b>	230	---
Point de distillation de 60%	°C	ASTM D2887*	267	<b>261</b>	245	---
Point de distillation de 70%	°C	ASTM D2887*	280	<b>278</b>	259	---
Point de distillation de 80%	°C	ASTM D2887*	295	<b>298</b>	281	---
Point de distillation de 90%	°C	ASTM D2887*	310	<b>323</b>	314	---
Point d'ébullition final	°C	ASTM D2887*	341	<b>368</b>	362	---
Densité API		ASTM D1298*	37.7	<b>43</b>	42	---
Indice de cétane		ASTM D4737*	<40.0	<b>56</b>	51	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : CU0021637  
**N° de laboratoire** : 02596427  
**Numéro unique** : 5681507  
**Analyse** : FUEL ( Additional Tests: CC Flash, GC-PercFuel, PrtCount )

**CUMMINS EASTERN CANADA INC.**  
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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.