



RAPPORT DU CARBURANT

CORROSSIONE	NORMAL
CONTAMINANTS	NORMAL
ÉTAT DU CARBURANT	NORMAL

Secteur

[49248]

Identité de la machine

C180329607

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		CU0021642	---	---
Date d'échant.		Client Info		13 Nov 2023	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Statut de l'échant.				NORMAL	---	---

CORROSSIONE

{not applicable}

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	<1	---	---

CONTAMINANTS

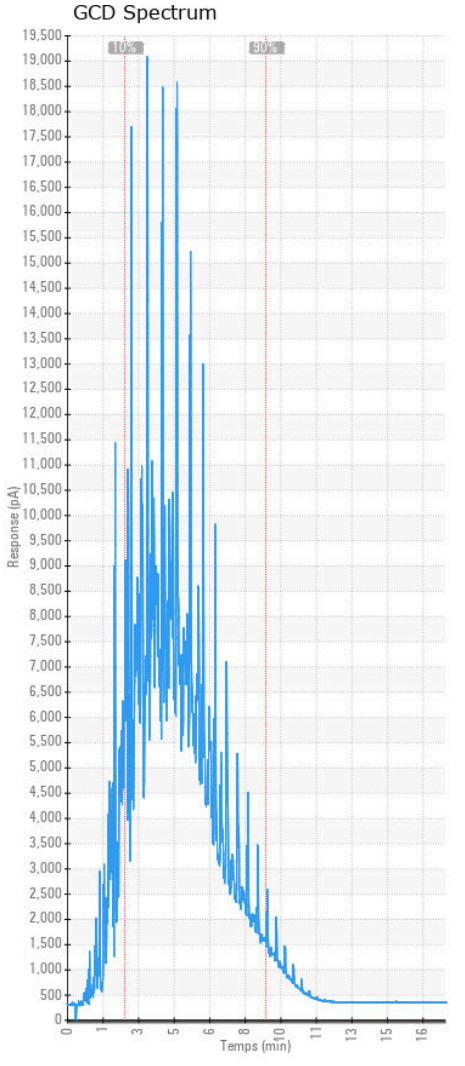
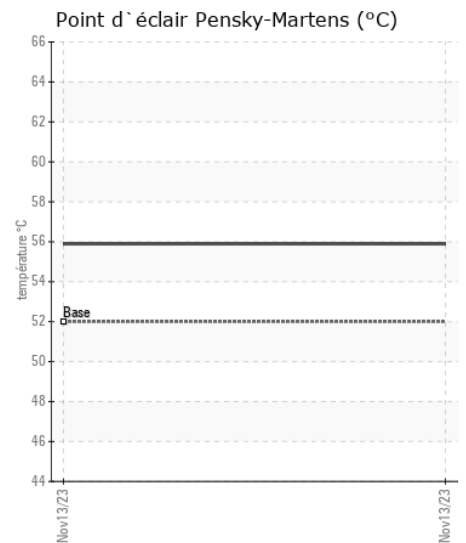
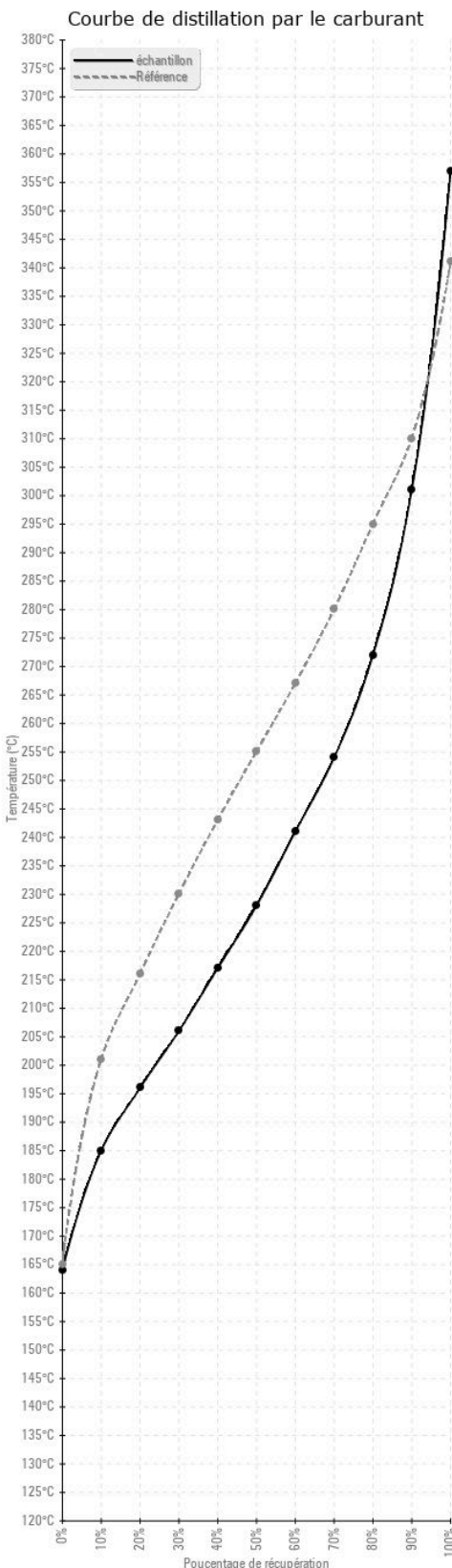
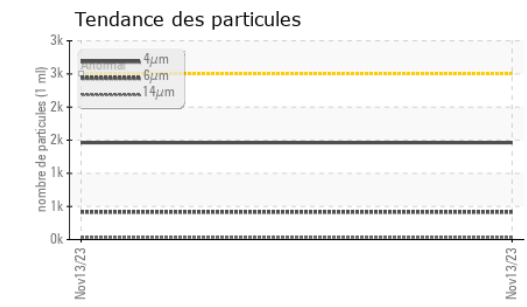
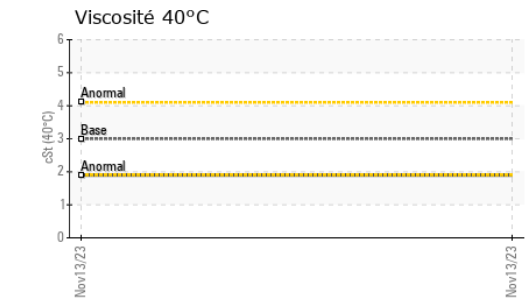
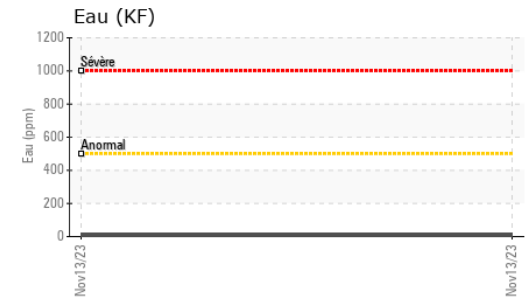
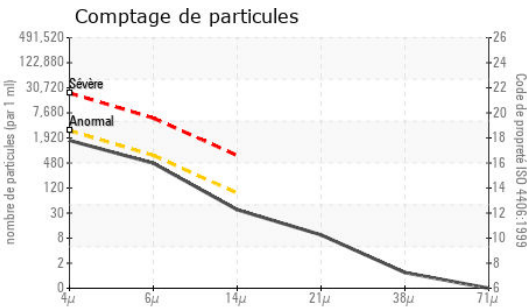
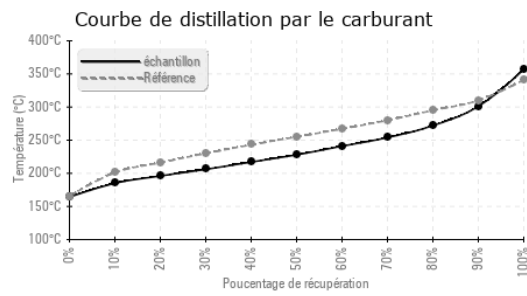
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

Silicium	ppm	ASTM D5185(m)	<1.0	0	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	0	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Eau	%	ASTM D6304*	<0.05	0.001	---	---
ppm d'eau	ppm	ASTM D6304*	<500	7.4	---	---
Particules >4µ		ASTM D7647	>2500	1463	---	---
Particules >6µ		ASTM D7647	>640	416	---	---
Particules >14µ		ASTM D7647	>80	32	---	---
Particules >21µ		ASTM D7647	>20	8	---	---
Particules >38µ		ASTM D7647	>4	1	---	---
Particules >71µ		ASTM D7647	>3	0	---	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	18/16/12	---	---
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	0	---	---

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).

Densité		ASTM D1298*	0.839	0.813	---	---
Couleur du carburant	text	Visual Screen*	Yellow	Red	---	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	1.9	---	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	55.9	---	---
Soufre	ppm	ASTM D5185(m)	250	26	---	---
Point d'ébullition initial	°C	ASTM D2887*	165	164	---	---
Point de distillation de 10%	°C	ASTM D2887*	201	185	---	---
Point de distillation de 20%	°C	ASTM D2887*	216	196	---	---
Point de distillation de 30%	°C	ASTM D2887*	230	206	---	---
Point de distillation de 40%	°C	ASTM D2887*	243	217	---	---
Point de distillation de 50%	°C	ASTM D2887*	255	228	---	---
Point de distillation de 60%	°C	ASTM D2887*	267	241	---	---
Point de distillation de 70%	°C	ASTM D2887*	280	254	---	---
Point de distillation de 80%	°C	ASTM D2887*	295	272	---	---
Point de distillation de 90%	°C	ASTM D2887*	310	301	---	---
Point d'ébullition final	°C	ASTM D2887*	341	357	---	---
Densité API		ASTM D1298*	37.7	42	---	---
Indice de cétane		ASTM D437*	<40.0	50	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0021642 **Reçu** : 14 Nov 2023 122 CLYDE AVENUE
N° de laboratoire : 02596422 **Diagnostic** : 16 Nov 2023 MOUNT PEARL, NL
Numéro unique : 5681502 **Diagnostic** : Kevin Marson CA A1N 4S3
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount) Contact: JUANITA BRANTON
 Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. JUANITA.BRANTON@CUMMINS.COM
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (709)747-0157
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: (709)747-1084