



RAPPORT DU CARBURANT

CORROSSIONE	NORMAL
CONTAMINANTS	NORMAL
ÉTAT DU CARBURANT	NORMAL

Secteur

[99785]

Identité de la machine

115 (S/N 73962010)

Composant

Carburant diesel

Fluide

No.2 DIESEL FUEL (ULTRALOW 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		CU0019828	CU0017548	---
Date d'échant.		Client Info		21 Jun 2023	31 May 2022	---
Âge d la Machine	hrs	Client Info		113	87	---
Statut de l'échant.				NORMAL	NORMAL	---

CORROSSIONE

{not applicable}

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	---

CONTAMINANTS

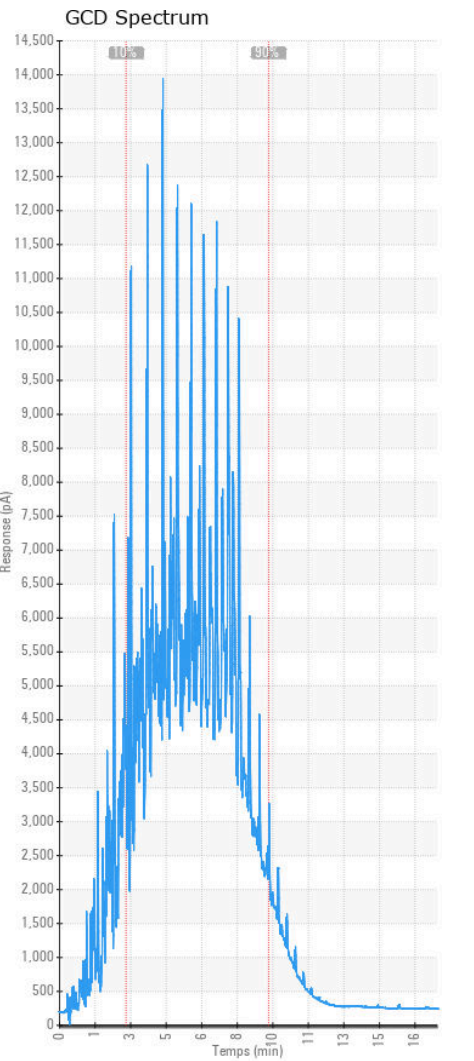
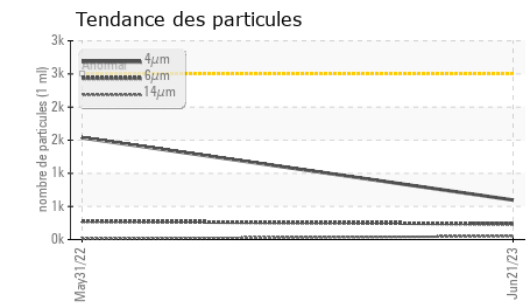
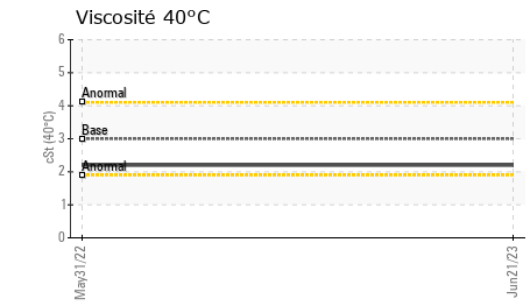
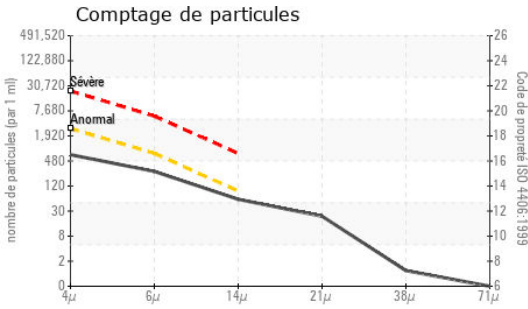
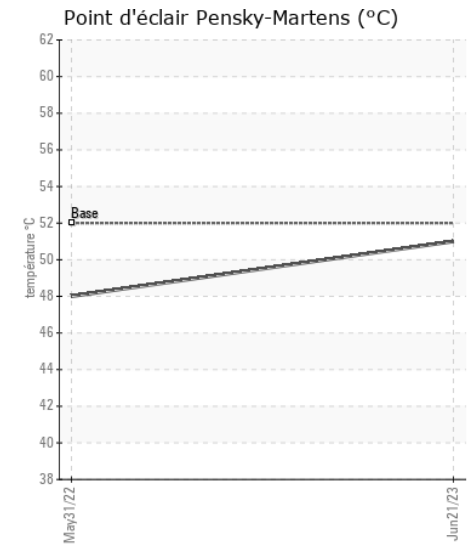
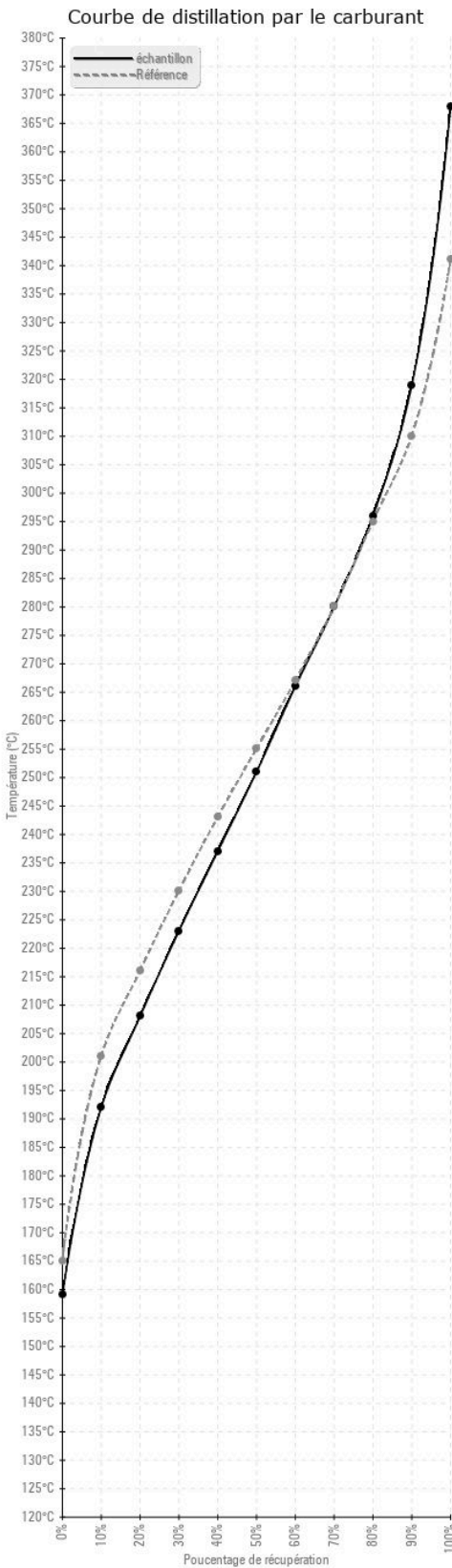
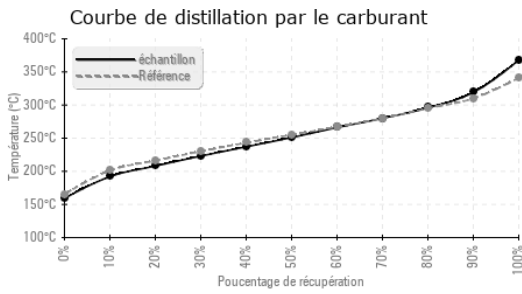
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

Silicium	ppm	ASTM D5185(m)	<1.0	0	0	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	<1	---
Potassium	ppm	ASTM D5185(m)	<0.1	0	0	---
Eau	%	ASTM D6304*	<0.05	0.003	0.002	---
ppm d'eau	ppm	ASTM D6304*	<500	34.2	18.9	---
Particules >4µ		ASTM D7647	>2500	597	1536	---
Particules >6µ		ASTM D7647	>640	237	276	---
Particules >14µ		ASTM D7647	>80	51	12	---
Particules >21µ		ASTM D7647	>20	20	3	---
Particules >38µ		ASTM D7647	>4	1	0	---
Particules >71µ		ASTM D7647	>3	0	0	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	16/15/13	18/15/11	---
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	<1	0	---
Zinc	ppm	ASTM D5185(m)	<0.1	0	0	---

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	0.826	0.824	---
Couleur du carburant	text	Visual Screen*	Yellow	Orang	Orang	---
Visc 40°C	cSt	ASTM D7279(m)	3.0	2.2	2.2	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	52	51	48	---
Soufre	ppm	ASTM D5185(m)	10	9	10	---
Point d'ébullition initial	°C	ASTM D2887*	165	159	148	---
Point de distillation de 10%	°C	ASTM D2887*	201	192	181	---
Point de distillation de 20%	°C	ASTM D2887*	216	208	198	---
Point de distillation de 30%	°C	ASTM D2887*	230	223	213	---
Point de distillation de 40%	°C	ASTM D2887*	243	237	228	---
Point de distillation de 50%	°C	ASTM D2887*	255	251	243	---
Point de distillation de 60%	°C	ASTM D2887*	267	266	258	---
Point de distillation de 70%	°C	ASTM D2887*	280	280	273	---
Point de distillation de 80%	°C	ASTM D2887*	295	296	286	---
Point de distillation de 90%	°C	ASTM D2887*	310	319	308	---
Point d'ébullition final	°C	ASTM D2887*	341	368	347	---
Densité API		ASTM D1298*	37.7	39	40	---
Indice de cétane		ASTM D4737*	<40.0	51	49	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0019828
N° de laboratoire : 02567127
Numéro unique : 5604173
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

CUMMINS EASTERN CANADA LP
 3189 SWANSEA CRESCENT
 OTTAWA, ON
 CA K1G 3W5
 Contact: Cindy Harrison
 cindy.harrison@cummins.com

*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.
 Validity of results and interpretation are based on the sample and information as supplied.*

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