



RAPPORT DU CARBURANT

CORROSSIONE	NORMAL
CONTAMINANTS	ANORMAL
ÉTAT DU CARBURANT	NORMAL



Secteur
[49243]
 Identité de la machine
CATERPILLAR 1EZ03468
 Composant
Carburant diesel
 Fluide
No.1 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

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. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU	---	---
Date d'échant.		Client Info		03 Oct 2023	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Statut de l'échant.				ABNORMAL	---	---

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

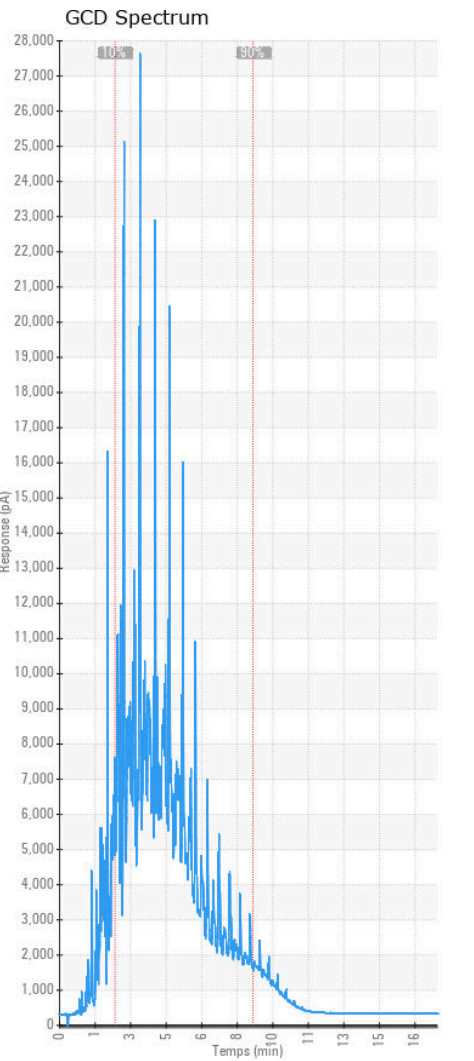
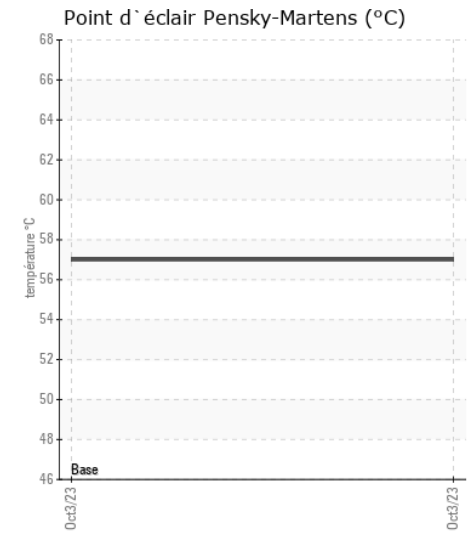
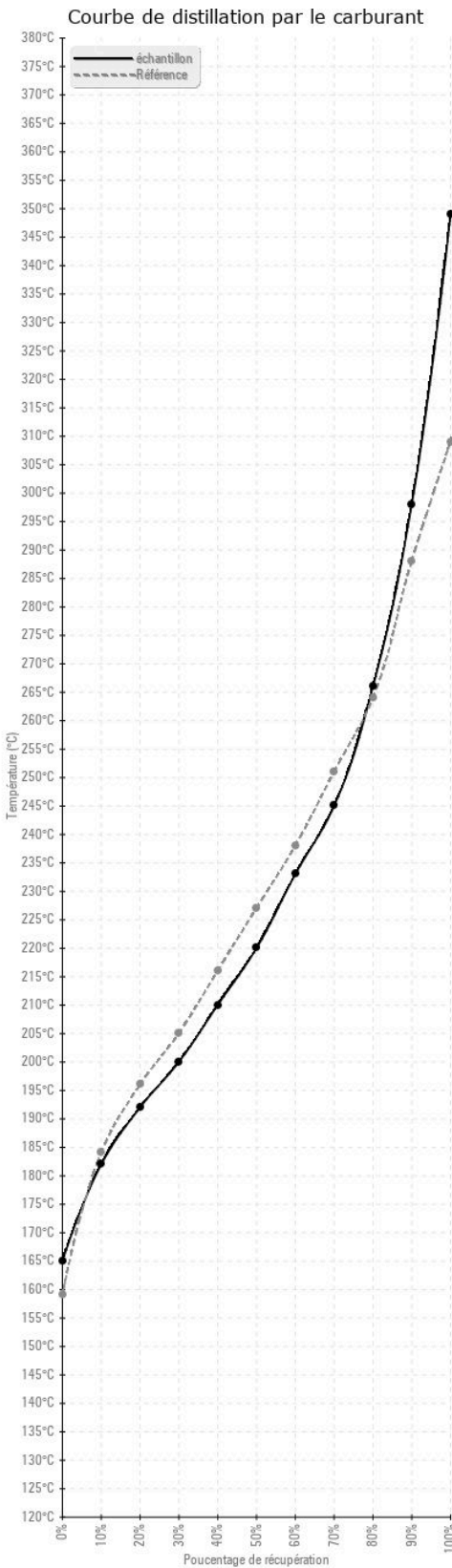
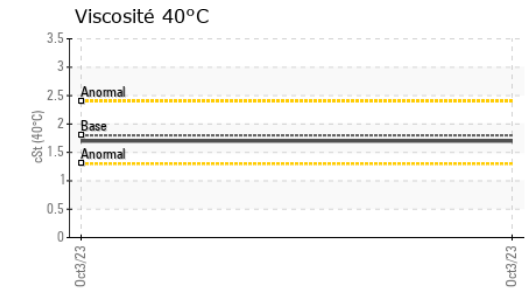
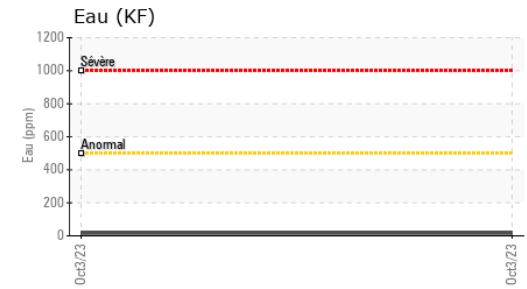
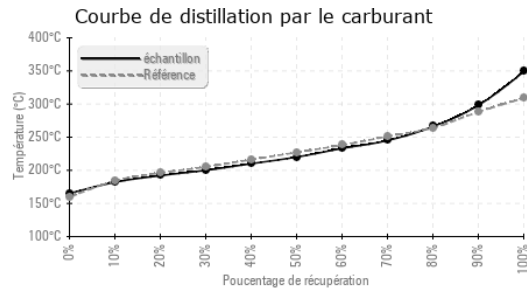
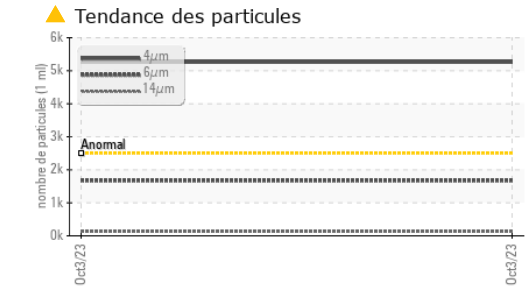
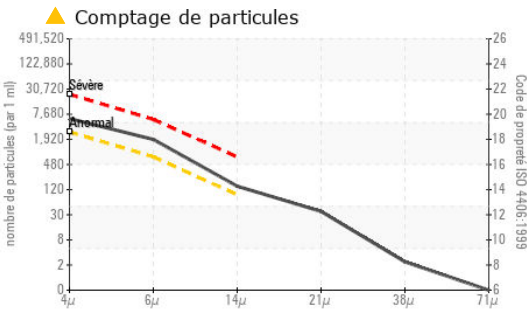
There is a moderate amount of silt (particulates < 14 microns in size) present in the fuel. The water content is negligible.

Silicium	ppm	ASTM D5185(m)	<1.0	0	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Eau	%	ASTM D6304*	<0.05	0.002	---	---
ppm d'eau	ppm	ASTM D6304*	<500	15.9	---	---
Particules >4µ		ASTM D7647	>2500	▲ 5261	---	---
Particules >6µ		ASTM D7647	>640	▲ 1674	---	---
Particules >14µ		ASTM D7647	>80	▲ 128	---	---
Particules >21µ		ASTM D7647	>20	▲ 32	---	---
Particules >38µ		ASTM D7647	>4	2	---	---
Particules >71µ		ASTM D7647	>3	0	---	---
Propreté de l'huile		ISO 4406 (c)	>18/16/13	▲ 20/18/14	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Magnésium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Phosphore	ppm	ASTM D5185(m)	<0.1	1	---	---
Zinc	ppm	ASTM D5185(m)	<0.1	1	---	---

ÉTAT DU CARBURANT

All laboratory tests indicate that this sample meets specifications for No.1 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type A). The fuel is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Densité		ASTM D1298*	0.825	0.804	---	---
Couleur du carburant	text	Visual Screen*	Clear	Red	---	---
Visc 40°C	cSt	ASTM D7279(m)	1.8	1.7	---	---
Point d'éclair Pensky-Martens	°C	ASTM D7215*	38	57	---	---
Soufre	ppm	ASTM D5185(m)	10	11	---	---
Point d'ébullition initial	°C	ASTM D2887*	159	165	---	---
Point de distillation de 10%	°C	ASTM D2887*	184	182	---	---
Point de distillation de 20%	°C	ASTM D2887*	196	192	---	---
Point de distillation de 30%	°C	ASTM D2887*	205	200	---	---
Point de distillation de 40%	°C	ASTM D2887*	216	210	---	---
Point de distillation de 50%	°C	ASTM D2887*	227	220	---	---
Point de distillation de 60%	°C	ASTM D2887*	238	233	---	---
Point de distillation de 70%	°C	ASTM D2887*	251	245	---	---
Point de distillation de 80%	°C	ASTM D2887*	264	266	---	---
Point de distillation de 90%	°C	ASTM D2887*	288	298	---	---
Point d'ébullition final	°C	ASTM D2887*	309	349	---	---
Densité API		ASTM D1298*	40.1	44	---	---
Indice de cétane		ASTM D4737*	<40.0	52	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU
N° de laboratoire : 02593447
Numéro unique : 5670526
Analyse : FUEL (Additional Tests: CC Flash, GC-PercFuel, PrtCount)

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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.