



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur

[335860]

Identité de la machine

**CN 1883 G1**

Composant

**Moteur diesel**

Fluid

**SAE 5W40 (--- GAL)**

## RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0023003</b>	CU0020305	---
Date d'échant.		Client Info		<b>21 Apr 2024</b>	23 May 2023	---
Âge d la Machine	hrs	Client Info		<b>1938</b>	570	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Âge du filtre	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>N/A</b>	N/A	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

## USURE

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>90	<b>23</b>	25	---
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	---
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	4	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>5</b>	61	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

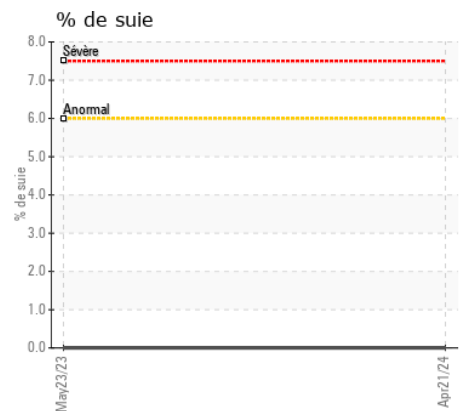
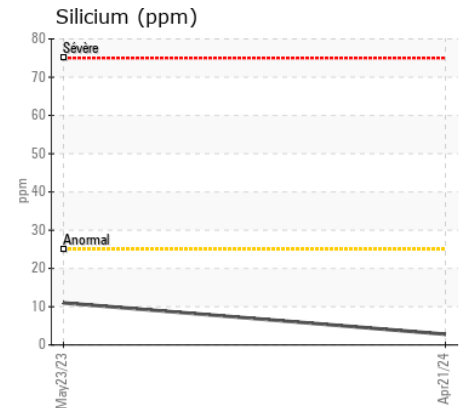
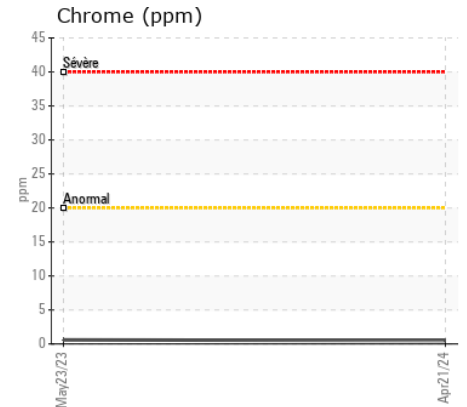
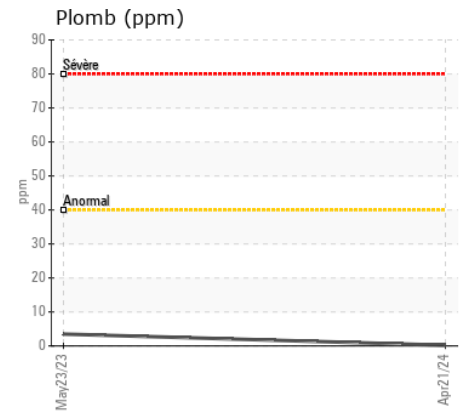
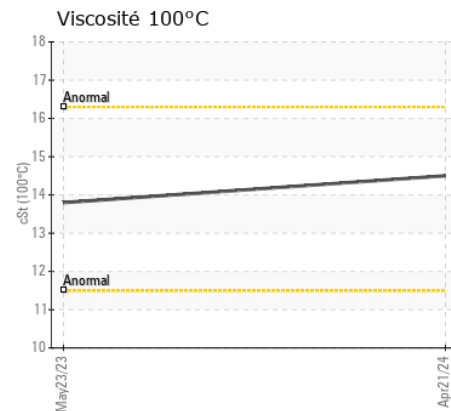
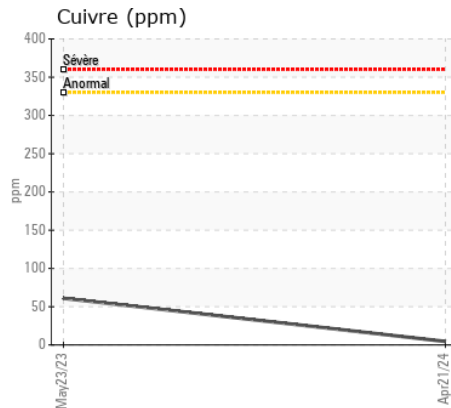
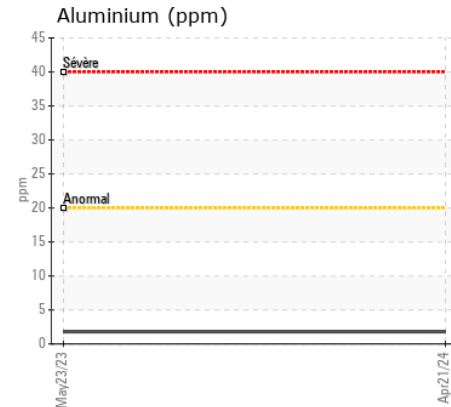
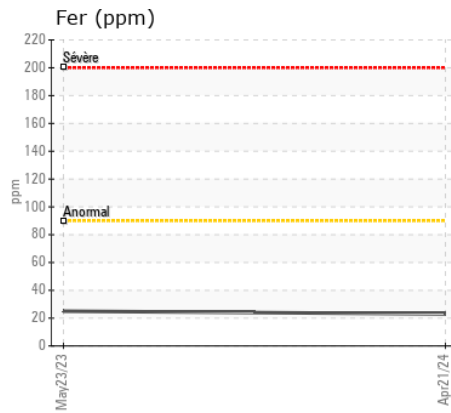
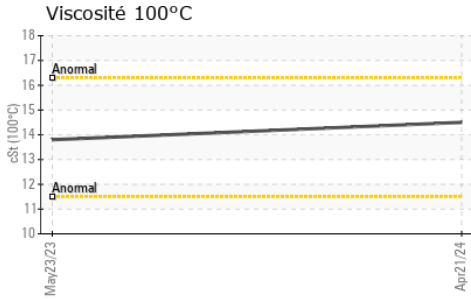
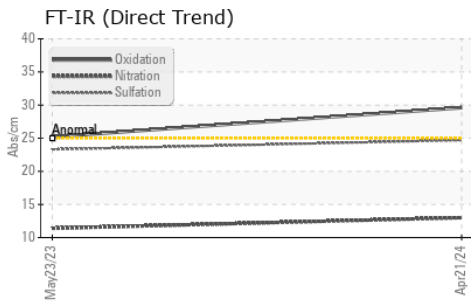
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>3</b>	11	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>6	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>13.0</b>	11.4	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>24.7</b>	23.3	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

## ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>4</b>	6	---
Bore	ppm	ASTM D5185(m)		<b>40</b>	43	---
Baryum	ppm	ASTM D5185(m)		<b>&lt;1</b>	5	---
Molybdène	ppm	ASTM D5185(m)		<b>67</b>	56	---
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	4	---
Magnésium	ppm	ASTM D5185(m)		<b>1143</b>	1015	---
Calcium	ppm	ASTM D5185(m)		<b>854</b>	1009	---
Phosphore	ppm	ASTM D5185(m)		<b>961</b>	964	---
Zinc	ppm	ASTM D5185(m)		<b>1194</b>	1089	---
Soufre	ppm	ASTM D5185(m)		<b>2534</b>	2417	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>29.6</b>	25.2	---
Visc 100°C	cSt	ASTM D7279(m)		<b>14.5</b>	13.8	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : CU0023003

**N° de laboratoire** : 02630544

**Numéro unique** : 5763676

**Analyse** : MOB 1 ( Additional Tests: Visual )

**Reçu** : 22 Apr 2024

**Tested** : 22 Apr 2024

**Diagnostiqué** : 22 Apr 2024 - Kevin Marson

**CUMMINS EASTERN CANADA LP**

315 AV LIBERTE

CANDIAC, QC

CA J5R 6Z7

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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.