



# RAPPORT D'ANALYSE D'HUILE

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

Secteur  
**[49236]**  
 Identité de la machine  
**349198-1-1-0712**

Composant  
**Moteur diesel**  
 Fluide  
**DIESEL ENGINE OIL SAE 40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0021638</b>	CU0016819	---
Date d'échant.		Client Info		<b>13 Nov 2023</b>	08 Sep 2020	---
Âge d la Machine	hrs	Client Info		<b>0</b>	0	---
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

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>3</b>	4	---
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	---
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	---
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	2	---
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

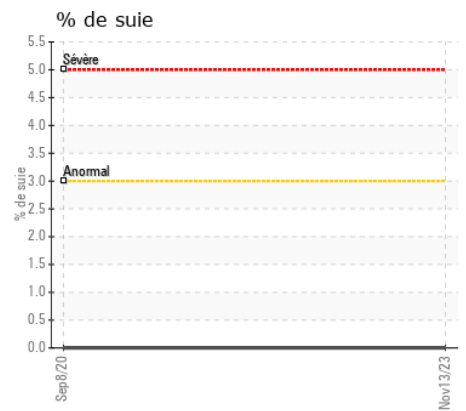
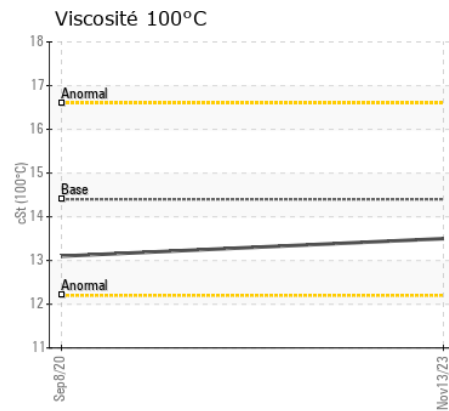
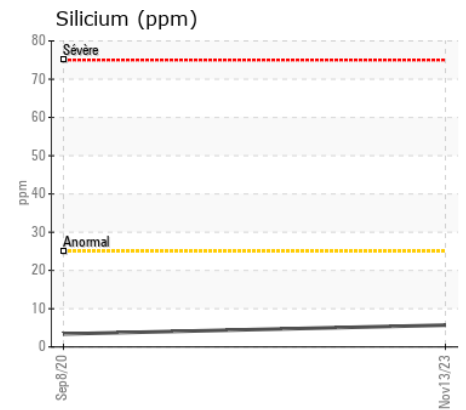
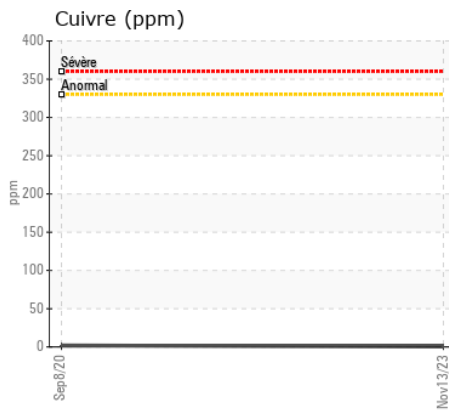
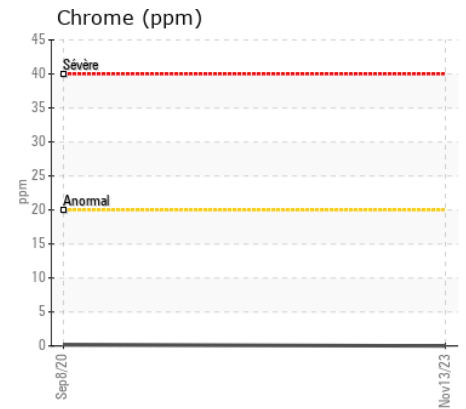
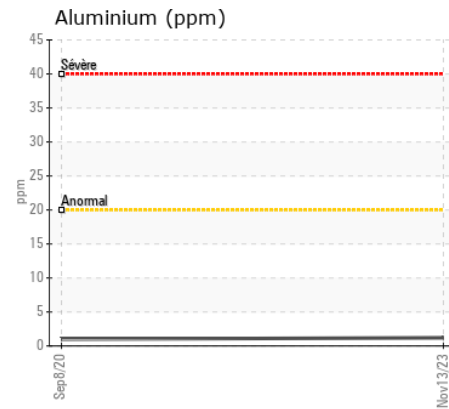
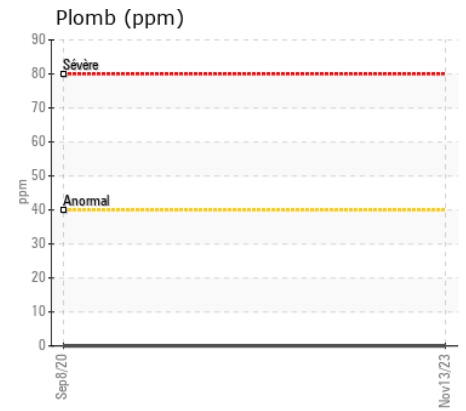
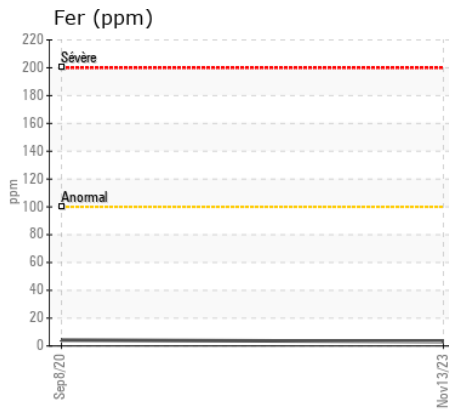
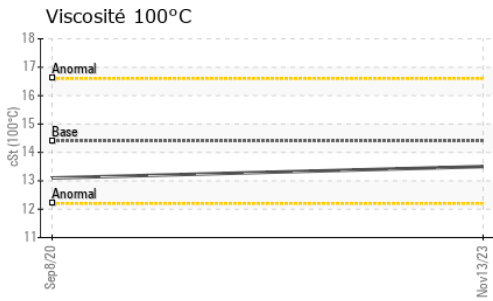
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	3	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	---
Glycol		WC Method		<b>NEG</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0</b>	0	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.3</b>	5.4	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.5</b>	22.3	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>216	<b>3</b>	1	---
Bore	ppm	ASTM D5185(m)	250	<b>41</b>	59	---
Baryum	ppm	ASTM D5185(m)	10	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	100	<b>39</b>	39	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	450	<b>630</b>	481	---
Calcium	ppm	ASTM D5185(m)	3000	<b>1358</b>	1678	---
Phosphore	ppm	ASTM D5185(m)	1150	<b>764</b>	953	---
Zinc	ppm	ASTM D5185(m)	1350	<b>864</b>	1085	---
Soufre	ppm	ASTM D5185(m)	4250	<b>2220</b>	2574	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.1</b>	19.7	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	<b>13.5</b>	13.1	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**  
**N° d'échantillon** : CU0021638 **Reçu** : 14 Nov 2023 122 CLYDE AVENUE  
**N° de laboratoire** : 02596103 **Diagnostiqué** : 14 Nov 2023 MOUNT PEARL, NL  
**Numéro unique** : 5681183 **Diagnostiqueur** : Wes Davis CA A1N 4S3  
**Analyse** : MOB 1 ( Additional Tests: Visual ) Contact: DARRYL CAREY

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.

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