



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
ÉTAT DU LIQUIDE REFROIDISSEMENT	<b>NORMAL</b>



Secteur  
**[49243]**  
 Identité de la machine  
**CATERPILLAR 1EZ03468**  
 Composant  
**Liquide de refroidissement**  
 Fluide  
**NOT GIVEN (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is . Please confirm the coolant type and grade, and specify the brand of the coolant on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU</b>	CU0018323	---
Date d'échant.		Client Info		<b>03 Oct 2023</b>	06 Nov 2021	---
Âge d la Machine	hrs	Client Info		<b>0</b>	1335	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>N/A</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**CORROSION**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>4</b>	6	---
Cuivre	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	---
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	2	---

**CONTAMINANTS**

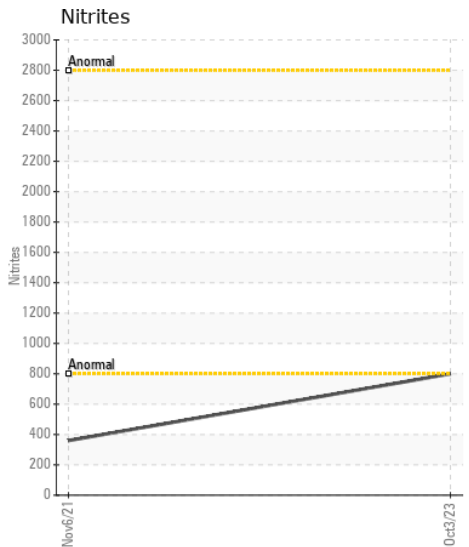
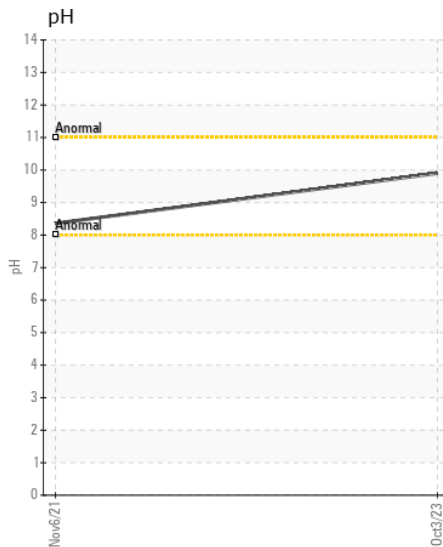
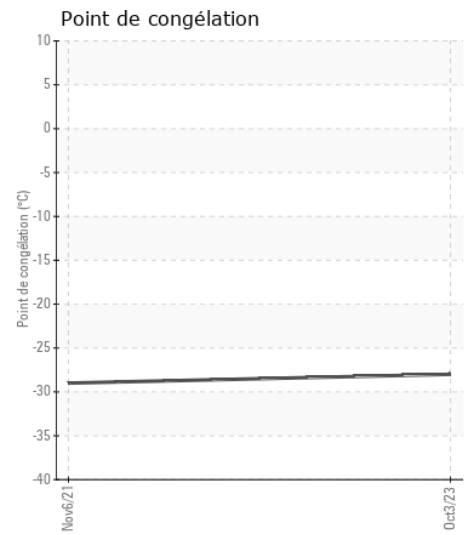
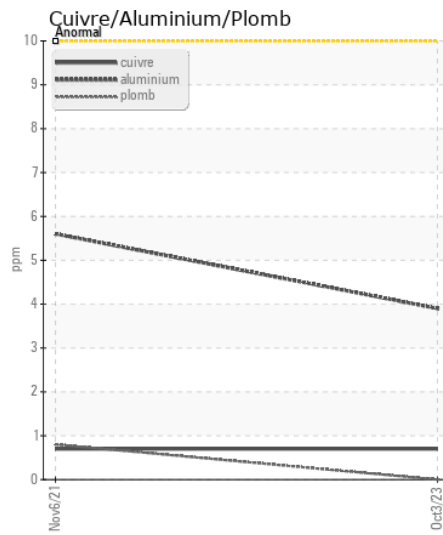
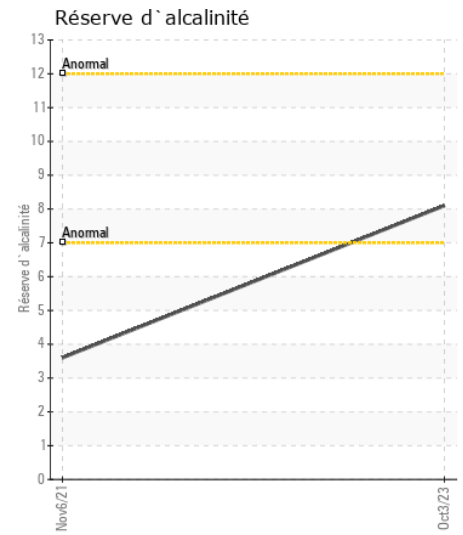
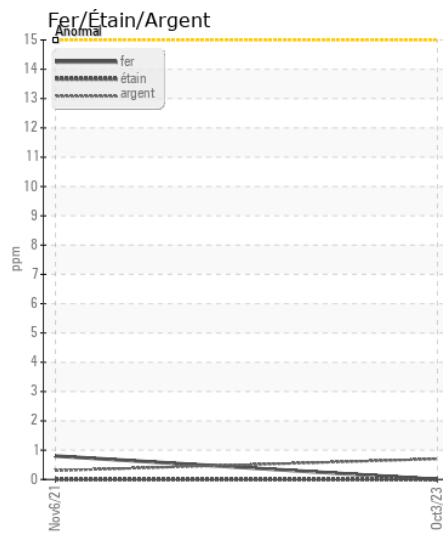
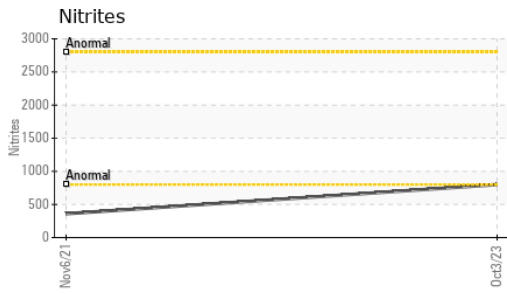
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	13	---
Magnésium	ppm	ASTM D5185(m)	>40	<b>0</b>	2	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Apparence du liquide de refroidissement		Visual*	Clear	<b>Clear</b>	Clear	---

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

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

Densité		ASTM D1298*		<b>1.064</b>	1.058	---
pH	Scale 0-14	ASTM D1287*		<b>9.90</b>	8.36	---
Nitrites	ppm	Alcan Test Kit*		<b>800</b>	360	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>8.1</b>	3.6	---
Pourcentage de glycol	%	ASTM D3321*		<b>47.7</b>	43.0	---
Point de congélation	°C	ASTM D3321*		<b>-28</b>	-29	---
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>77</b>	4	---
Phosphore	ppm	ASTM D5185(m)		<b>928</b>	4	---
Bore	ppm	ASTM D5185(m)		<b>247</b>	19	---
Molybdène	ppm	ASTM D5185(m)		<b>476</b>	431	---
Sodium	ppm	ASTM D5185(m)		<b>1455</b>	2222	---
Potassium	ppm	ASTM D5185(m)		<b>7298</b>	248	---
Couleur du liquide de refroidissement		Visual*		<b>Blue</b>	Red	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**  
**N° d'échantillon** : CU **Reçu** : 01 Nov 2023 122 CLYDE AVENUE  
**N° de laboratoire** : 02593434 **Diagnostiqué** : 02 Nov 2023 MOUNT PEARL, NL  
**Numéro unique** : 5670513 **Diagnostiqueur** : Wes Davis CA A1N 4S3  
**Analyse** : COOL

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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