



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION  
CONTAMINANTS  
ÉTAT DU LIQUIDE REFROIDISSEMENT

**NORMAL**  
**NORMAL**  
**NORMAL**

Secteur  
**[103009]**  
Identité de la machine  
**37241940**

Composant  
**Liquide de refroidissement**  
Fluid  
**EXTENDED LIFE COOLANT (--- LTR)**

**RECOMMENDATION**

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>CU0021144</b>	CU0006733	---
Date d'échant.		Client Info		<b>04 Mar 2024</b>	08 Jul 2011	---
Âge d la Machine	hrs	Client Info		<b>214</b>	13	---
Âge de l'huile	hrs	Client Info		<b>0</b>	13	---
Huile changée		Client Info		<b>N/A</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**CORROSION**

All metal levels are normal indicating no corrosion in the cooling system.

Fer	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>3</b>	2	---
Cuivre	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	---
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	5	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	---
Zinc	ppm	ASTM D5185(m)	>10	<b>1</b>	19	---

**CONTAMINANTS**

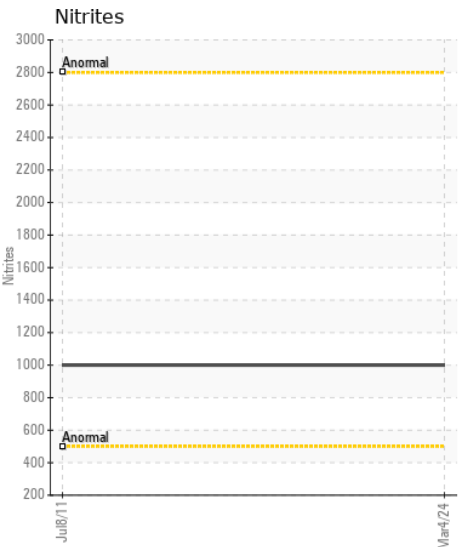
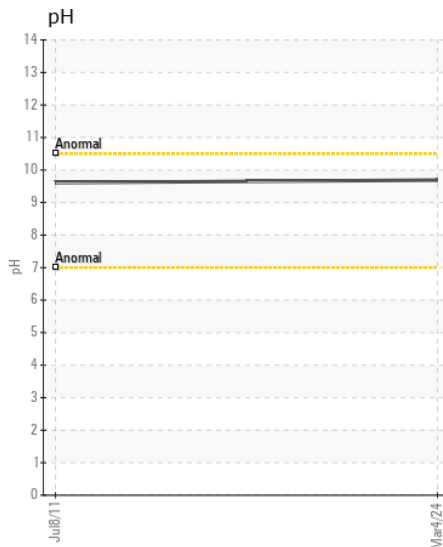
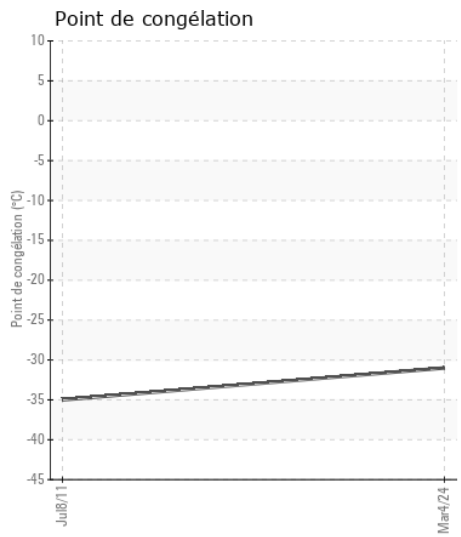
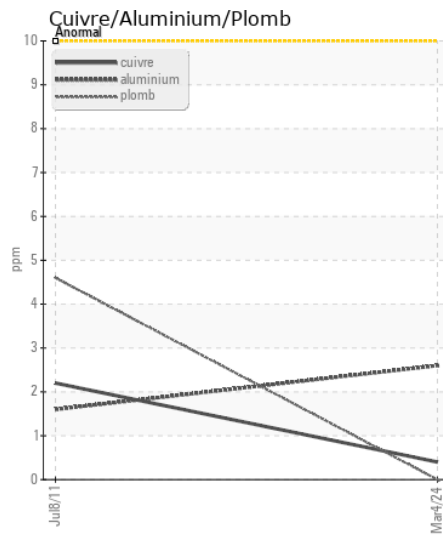
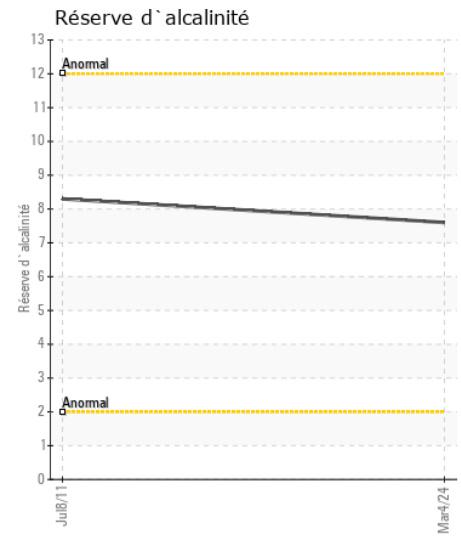
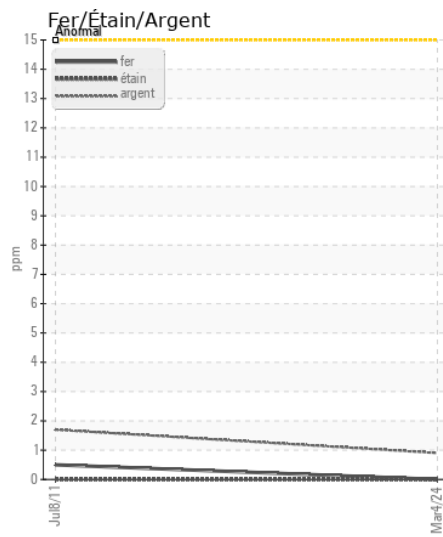
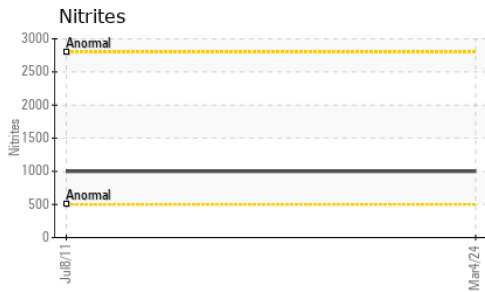
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	1	---
Magnésium	ppm	ASTM D5185(m)	>40	<b>&lt;1</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 nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Densité		ASTM D1298*		<b>1.061</b>	1.066	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>9.69</b>	9.61	---
Nitrites	ppm	Alcan Test Kit*		<b>1000</b>	1000	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>7.6</b>	8.3	---
Pourcentage de glycol	%	ASTM D3321*	50	<b>45.2</b>	49.0	---
Point de congélation	°C	ASTM D3321*	-40	<b>-31</b>	-35	---
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>58</b>	86	---
Phosphore	ppm	ASTM D5185(m)		<b>983</b>	1246	---
Bore	ppm	ASTM D5185(m)		<b>245</b>	319	---
Molybdène	ppm	ASTM D5185(m)		<b>416</b>	554	---
Sodium	ppm	ASTM D5185(m)		<b>1199</b>	1684	---
Potassium	ppm	ASTM D5185(m)		<b>6851</b>	4082	---
Couleur du liquide de refroidissement		Visual*	Orange/R	<b>Blue</b>	Blue	---



ISO 17025:2017  
Accredited  
Laboratory

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

**N° d'échantillon** : CU0021144

**N° de laboratoire** : 02620374

**Numéro unique** : 5737484

**Analyse** : COOL ( Additional Tests: GlycolType )

**Reçu** : 06 Mar 2024

**Tested** : 06 Mar 2024

**Diagnostic** : 06 Mar 2024 - Kevin Marson

**CUMMINS EASTERN CANADA LP**

3189 SWANSEA CRESCENT

OTTAWA, ON

CA K1G 3W5

Contact: Cindy Harrison

cindy.harrison@cummins.com

T: (613)736-1146

F: x:

Pour discuter cetter 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.