



Identité de la machine

NO UNIT CU0021672

Composant

Liquide de refroidissement

Fluid

CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0021672	---	---
Date d'échant.		Client Info		30 Jan 2024	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Statut de l'échant.				ABNORMAL	---	---

CORROSION

Aluminum ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Fer	ppm	ASTM D5185(m)	>15	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>10	▲ 14	---	---
Cuivre	ppm	ASTM D5185(m)	>10	0	---	---
Plomb	ppm	ASTM D5185(m)	>10	0	---	---
Étain	ppm	ASTM D5185(m)	>10	0	---	---
Argent	ppm	ASTM D5185(m)	>10	<1	---	---
Zinc	ppm	ASTM D5185(m)	>10	0	---	---

CONTAMINANTS

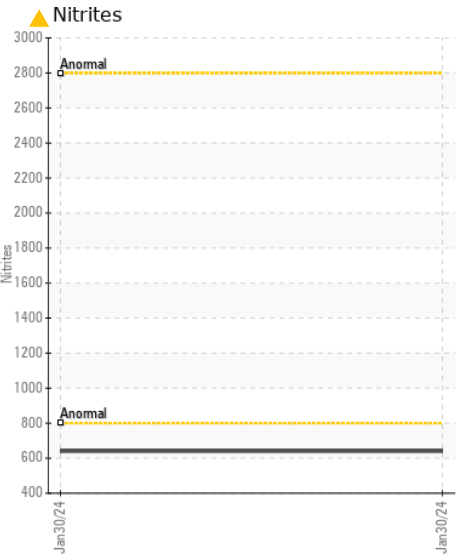
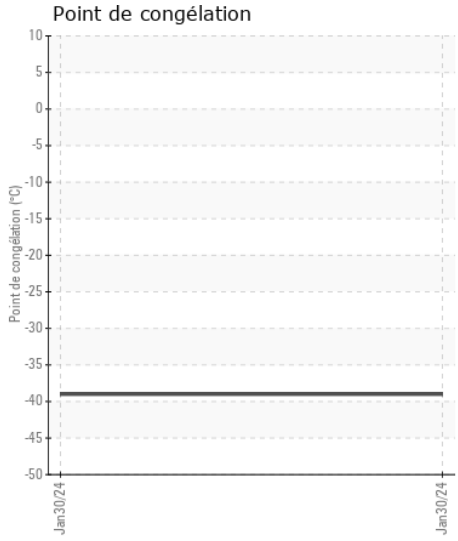
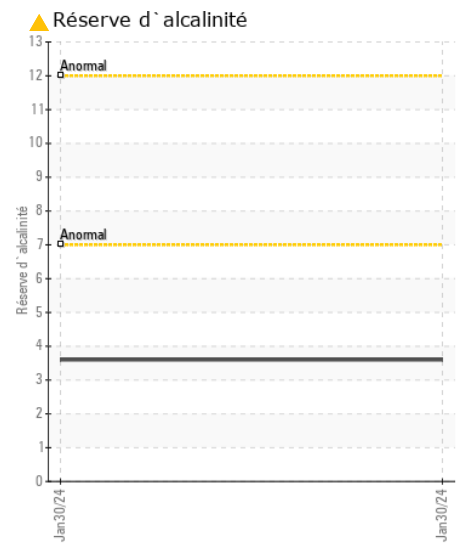
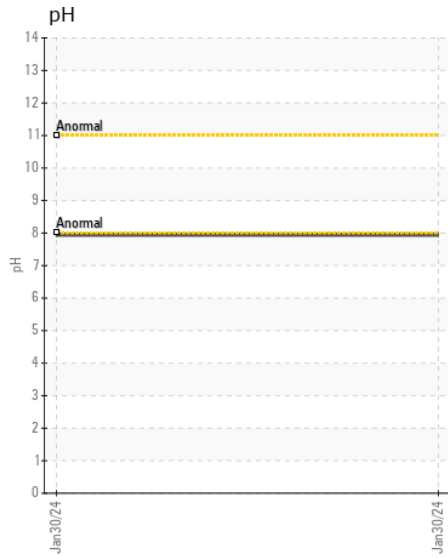
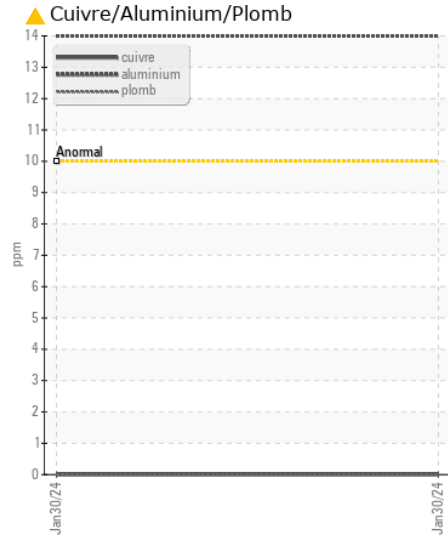
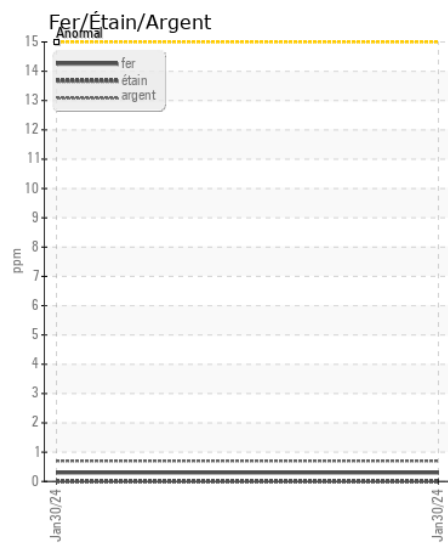
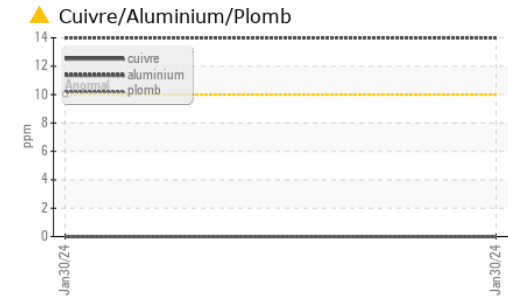
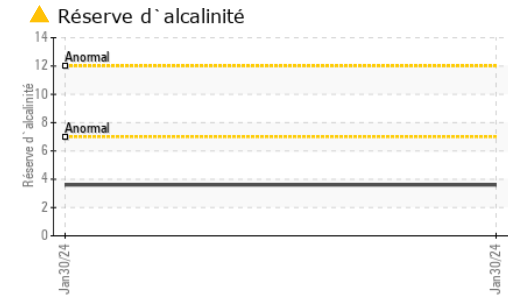
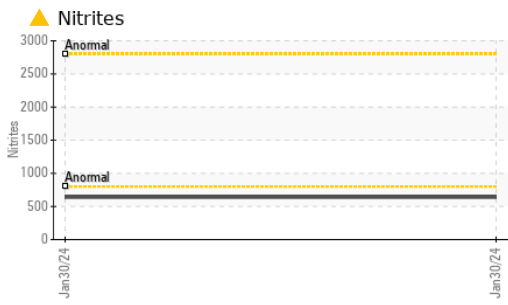
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	6	---	---
Magnésium	ppm	ASTM D5185(m)	>40	2	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Apparence du liquide de refroidissement		Visual*	Clear	Clear	---	---

ÉTAT DU LIQUIDE REFROIDISSEMENT

The reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation.

Densité		ASTM D1298*		1.069	---	---
pH	Scale 0-14	ASTM D1287*	9.5	7.94	---	---
Nitrites	ppm	Alcan Test Kit*	1500	▲ 640	---	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	▲ 3.6	---	---
Pourcentage de glycol	%	ASTM D3321*	50	51.1	---	---
Point de congélation	°C	ASTM D3321*	-40	-39	---	---
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		60	---	---
Phosphore	ppm	ASTM D5185(m)		28	---	---
Bore	ppm	ASTM D5185(m)		166	---	---
Molybdène	ppm	ASTM D5185(m)		130	---	---
Sodium	ppm	ASTM D5185(m)		5873	---	---
Potassium	ppm	ASTM D5185(m)		1598	---	---
Couleur du liquide de refroidissement		Visual*	Green	Purple	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0021672 **Reçu** : 31 Jan 2024 122 CLYDE AVENUE
N° de laboratoire : 02612637 **Diagnostiqué** : 02 Feb 2024 MOUNT PEARL, NL
Numéro unique : 5721732 **Diagnostiqueur** : Bill Quesnel CA A1N 4S3
Analyse : COOL Contact: DARRYL CAREY

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. DARRYL.CAREY@CUMMINS.COM
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (709)747-1135
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: (709)747-1084