



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION  
CONTAMINANTS  
ÉTAT DU LIQUIDE REFROIDISSEMENT

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

Secteur

**CECLP [103682]**

Identité de la machine

**NAT PRESS (S/N 37181782)**

Composant

**Liquide de refroidissement**

Fluid

**CONVENTIONAL COOLANT (--- GAL)**

**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>CU0021086</b>	CU0019856	CU0018082
Date d'échant.		Client Info		<b>12 Mar 2024</b>	03 Jun 2023	11 Sep 2021
Âge d la Machine	hrs	Client Info		<b>485</b>	487	533
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**CORROSION**

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

Fer	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Aluminium	ppm	ASTM D5185(m)	>10	<b>4</b>	5	2
Cuivre	ppm	ASTM D5185(m)	>10	<b>1</b>	4	6
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Argent	ppm	ASTM D5185(m)	>10	<b>1</b>	2	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1

**CONTAMINANTS**

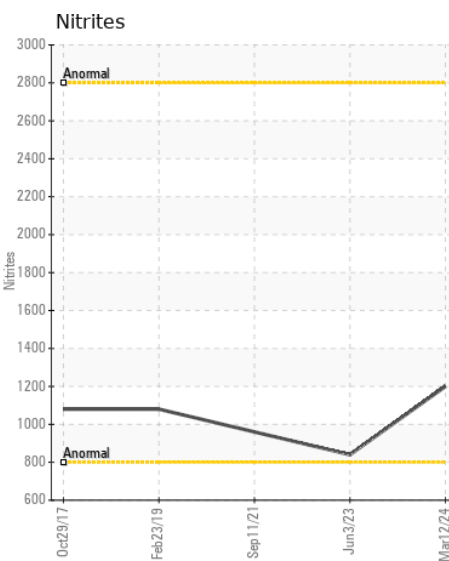
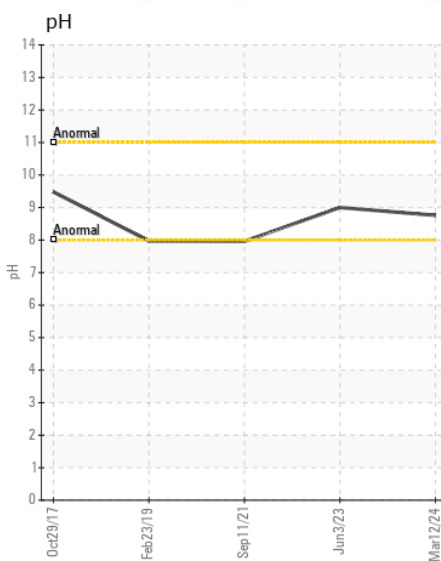
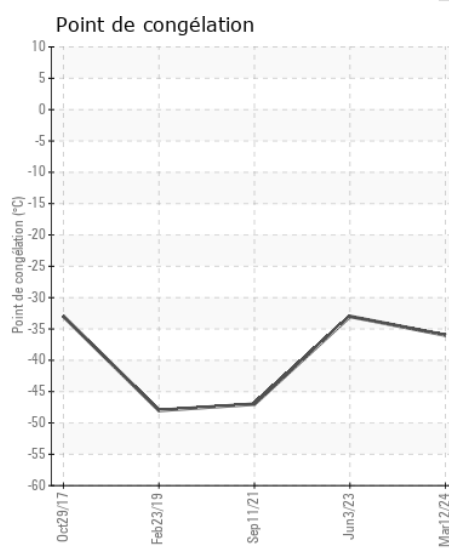
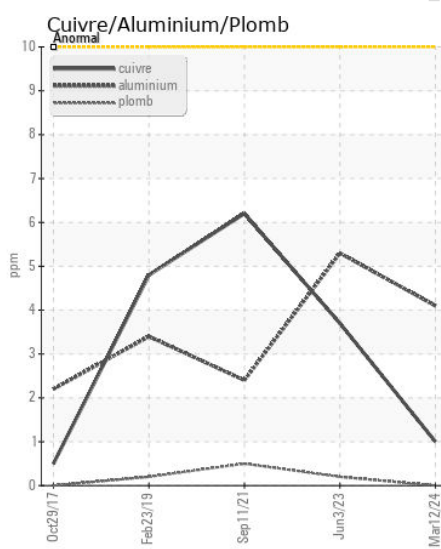
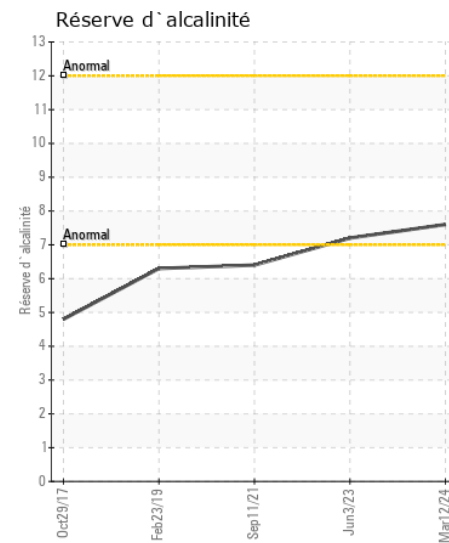
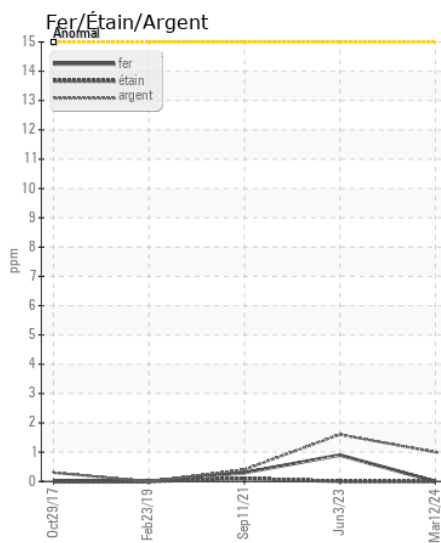
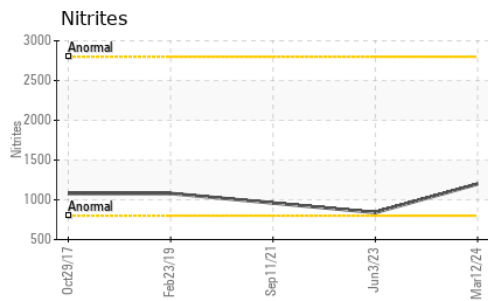
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	6	1
Magnésium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	1
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	<b>Clear</b>	Clear	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.

Point d'ébullition	°C	WC Method*		<b>107</b>	---	---
Densité		ASTM D1298*		<b>1.067</b>	1.067	1.076
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.76</b>	9.00	7.96
Nitrites	ppm	Alcan Test Kit*	1500	<b>1200</b>	840	960
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	<b>7.6</b>	7.2	6.4
Pourcentage de glycol	%	ASTM D3321*	50	<b>49.7</b>	49.7	57.0
Point de congélation	°C	ASTM D3321*	-40	<b>-36</b>	-33	-47
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>65</b>	66	41
Phosphore	ppm	ASTM D5185(m)		<b>1103</b>	855	1445
Bore	ppm	ASTM D5185(m)		<b>242</b>	265	84
Molybdène	ppm	ASTM D5185(m)		<b>488</b>	531	456
Sodium	ppm	ASTM D5185(m)		<b>1527</b>	1161	1409
Potassium	ppm	ASTM D5185(m)		<b>8984</b>	2763	1739
Couleur du liquide de refroidissement		Visual*	Green	<b>Other</b>	Green	Green



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : CU0021086  
**N° de laboratoire** : 02622483  
**Numéro unique** : 5747602  
**Analyse** : COOL ( Additional Tests: GlycolType )

**CUMMINS EASTERN CANADA LP**  
 3189 SWANSEA CRESCENT  
 OTTAWA, ON  
 CA K1G 3W5  
 Contact: Cindy Harrison  
 cindy.harrison@cummins.com

*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.*

T: (613)736-1146  
 F: x: