



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
ÉTAT DU LIQUIDE REFROIDISSEMENT	NORMAL

Secteur

[99874]

Identité de la machine

79191804 CONFEDERATION

Composant

Liquide de refroidissement

Fluide

CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) CONVENTIONAL COOLANT. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0021073	CU0017900	CU0016894
Date d'échant.		Client Info		14 Oct 2023	07 Aug 2021	18 Jul 2020
Âge d la Machine	hrs	Client Info		378	344	332
Âge de l'huile	hrs	Client Info		0	0	0
Huile changée		Client Info		Not Changd	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

CORROSION

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>15	0	2	<1
Aluminium	ppm	ASTM D5185(m)	>10	3	4	2
Cuivre	ppm	ASTM D5185(m)	>10	<1	1	<1
Plomb	ppm	ASTM D5185(m)	>10	0	4	2
Étain	ppm	ASTM D5185(m)	>10	0	2	<1
Argent	ppm	ASTM D5185(m)	>10	1	2	<1
Zinc	ppm	ASTM D5185(m)	>10	0	10	<1

CONTAMINANTS

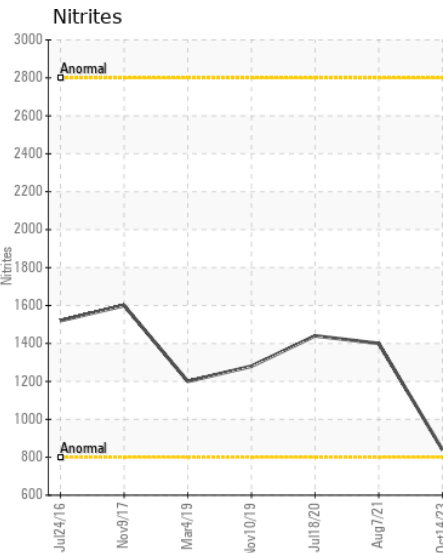
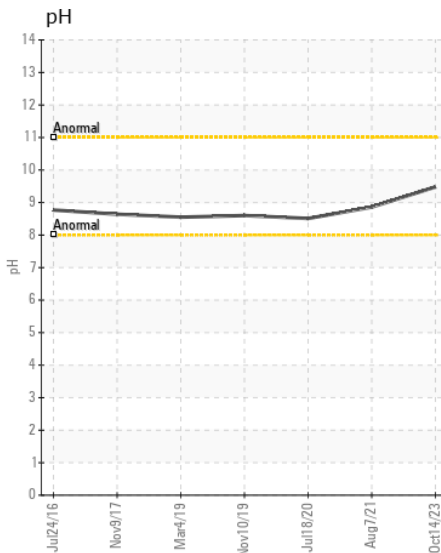
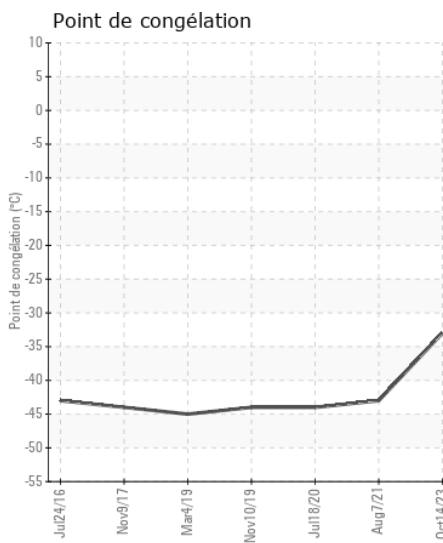
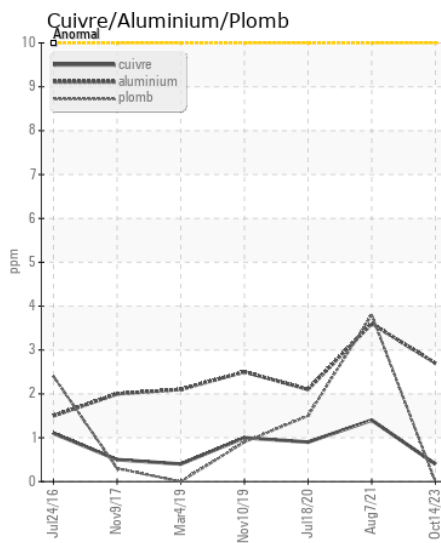
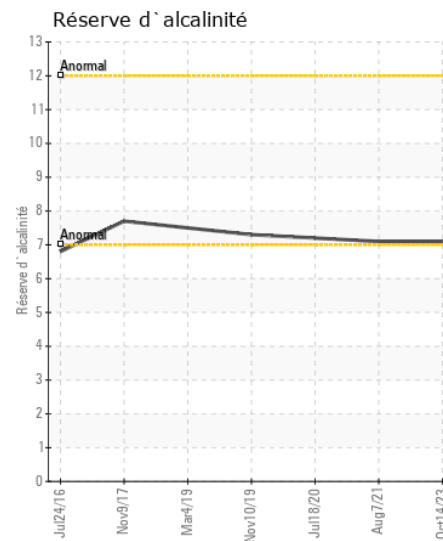
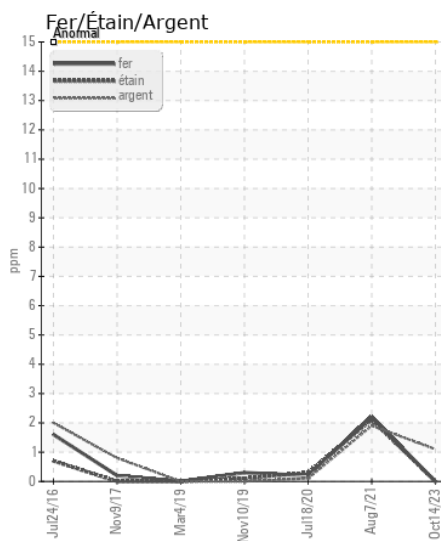
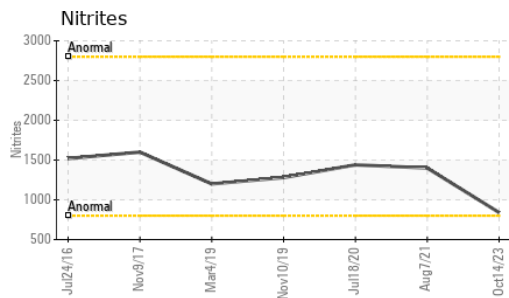
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	3	1
Magnésium	ppm	ASTM D5185(m)	>40	<1	2	<1
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	Clear	Clear	Clear

ÉTAT DU LIQUIDE REFROIDISSEMENT

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

Densité		ASTM D1298*		1.067	1.071	1.072
pH	Scale 0-14	ASTM D1287*	9.5	9.48	8.86	8.51
Nitrites	ppm	Alcan Test Kit*	1500	840	1400	1440
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	7.1	7.1	7.2
Pourcentage de glycol	%	ASTM D3321*	50	49.2	53.0	54.0
Point de congélation	°C	ASTM D3321*	-40	-33	-43	-44
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		57	38	33
Phosphore	ppm	ASTM D5185(m)		1111	823	942
Bore	ppm	ASTM D5185(m)		255	393	424
Molybdène	ppm	ASTM D5185(m)		397	274	291
Sodium	ppm	ASTM D5185(m)		1807	1703	2084
Potassium	ppm	ASTM D5185(m)		7788	2156	3130
Couleur du liquide de refroidissement		Visual*	Green	Green	Green	Green



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021073
N° de laboratoire : 02593055
Numéro unique : 5670134
Analyse : COOL

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

Reçu : 31 Oct 2023
Diagnostiqué : 31 Oct 2023
Diagnostiqueur : Wes Davis

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: