



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
ÉTAT DU LIQUIDE REFROIDISSEMENT	NORMAL

Secteur

[103881]

Identité de la machine

202 MCGILL (S/N 36409946)

Composant

Liquide de refroidissement

Fluid

FLEETGUARD ES COMPLEAT (--- 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		CU0021029	CU0020756	CU0016195
Date d'échant.		Client Info		21 Jun 2024	16 Jun 2023	26 Jun 2020
Âge d la Machine	hrs	Client Info		365	344	133
Âge de l'huile	hrs	Client Info		0	0	0
Huile changée		Client Info		Not Chngd	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

CORROSION

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

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

CONTAMINANTS

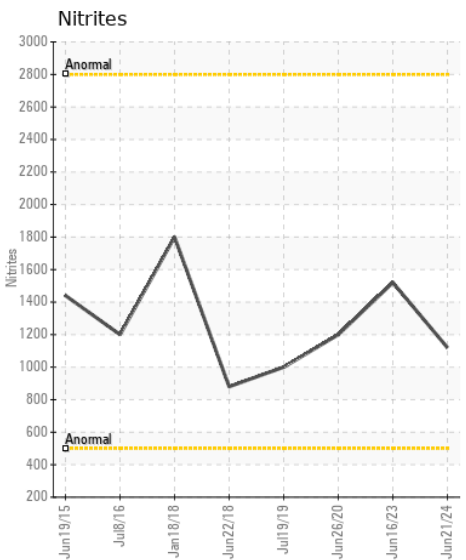
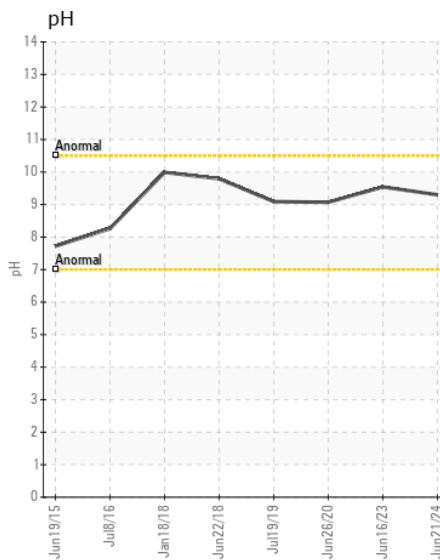
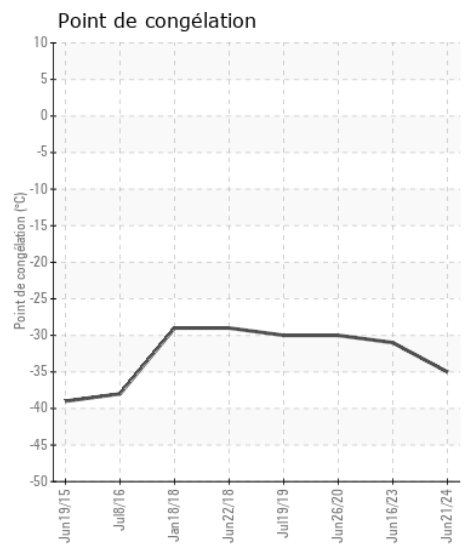
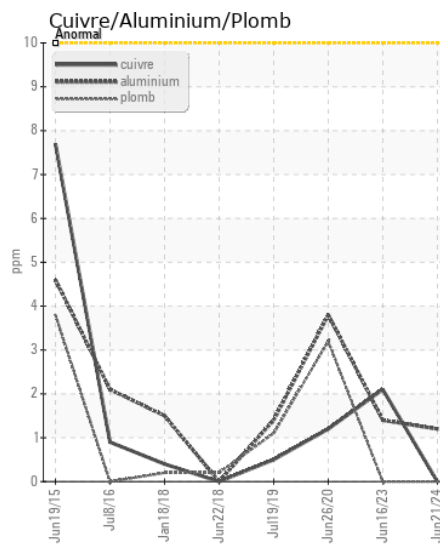
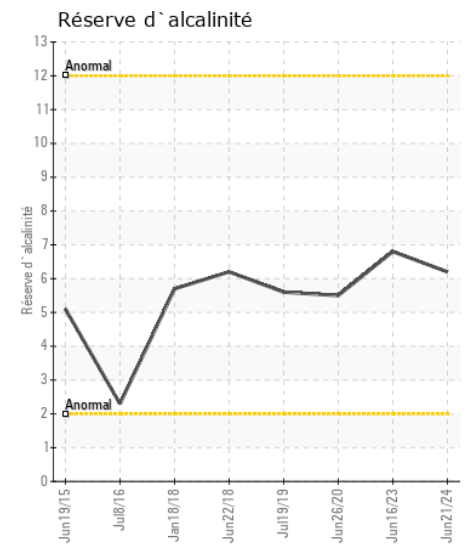
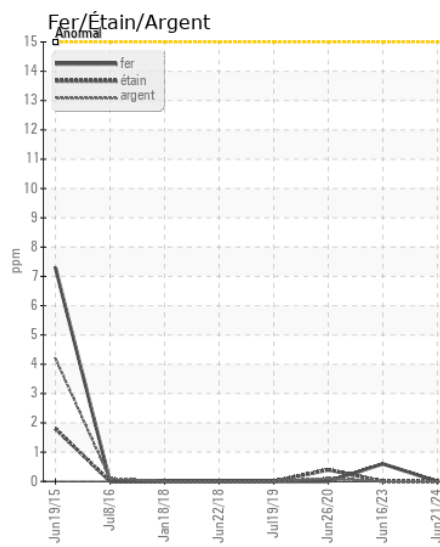
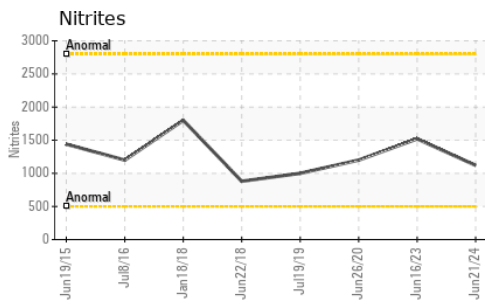
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	3	1
Magnésium	ppm	ASTM D5185(m)	>40	<1	<1	<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 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*		107	---	---
Densité		ASTM D1298*	1.07	1.065	1.065	1.060
pH	Scale 0-14	ASTM D1287*	10.5	9.30	9.54	9.07
Nitrites	ppm	Alcan Test Kit*		1120	1520	1200
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	5.0	6.2	6.8	5.5
Pourcentage de glycol	%	ASTM D3321*		48.4	48.1	44.0
Point de congélation	°C	ASTM D3321*	-37	-35	-31	-30
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		50	30	60
Phosphore	ppm	ASTM D5185(m)		732	795	1027
Bore	ppm	ASTM D5185(m)		226	206	256
Molybdène	ppm	ASTM D5185(m)		381	354	431
Sodium	ppm	ASTM D5185(m)		973	901	1069
Potassium	ppm	ASTM D5185(m)		4037	2332	3164
Couleur du liquide de refroidissement		Visual*	Blue	Blue	Blue	Blue



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0021029
N° de laboratoire : 02644071
Numéro unique : 5801610
Analyse : COOL (Additional Tests: GlycoType)

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: