



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION  
CONTAMINANTS  
ÉTAT DU LIQUIDE REFROIDISSEMENT

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

Secteur  
**MICHAUDVILLE**  
Identité de la machine

1210  
Composant  
**Liquide de refroidissement**  
Fluid  
**EXTENDED LIFE 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>PC0088923</b>	PC0070972	PC0060293
Date d'échant.		Client Info		<b>17 Jun 2024</b>	16 Apr 2023	22 Jun 2022
Âge d la Machine	kms	Client Info		<b>470672</b>	17750	16724
Âge de l'huile	kms	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>1</b>	2	3
Cuivre	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	<1
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>0</b>	0	1
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	2

**CONTAMINANTS**

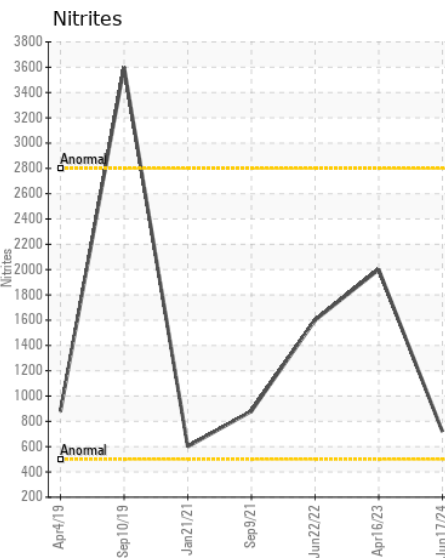
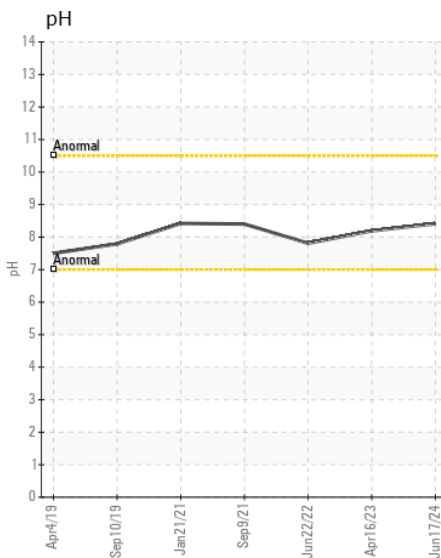
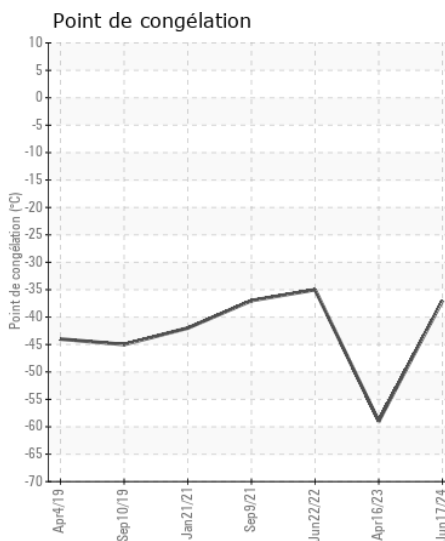
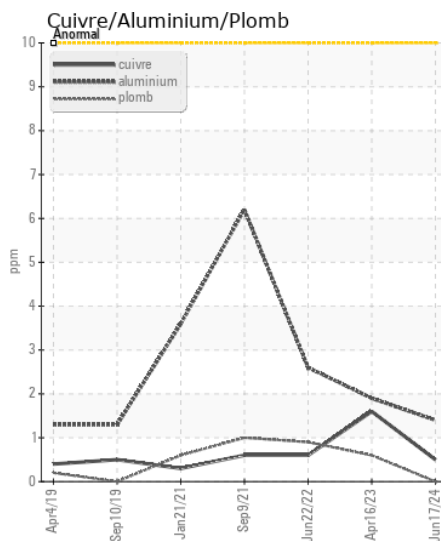
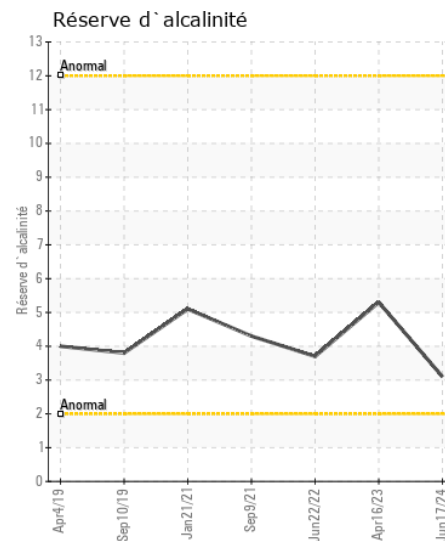
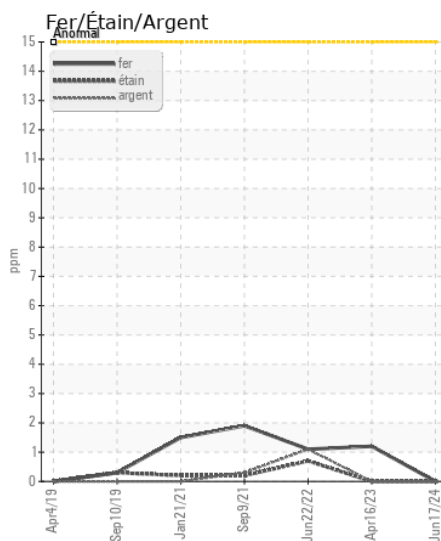
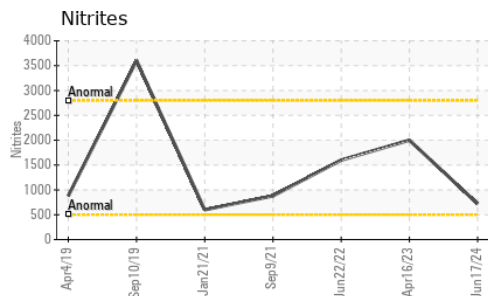
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>6</b>	12	8
Magnésium	ppm	ASTM D5185(m)	>40	<b>3</b>	2	3
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>1.068</b>	1.081	1.068
pH	Scale 0-14	ASTM D1287*	9.0	<b>8.41</b>	8.19	7.81
Nitrites	ppm	Alcan Test Kit*		<b>720</b>	2000	1600
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>3.1</b>	5.3	3.7
Pourcentage de glycol	%	ASTM D3321*	50	<b>50.8</b>	61.8	50.4
Point de congélation	°C	ASTM D3321*	-40	<b>-37</b>	-59	-35
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>24</b>	41	60
Phosphore	ppm	ASTM D5185(m)		<b>108</b>	29	17
Bore	ppm	ASTM D5185(m)		<b>36</b>	221	438
Molybdène	ppm	ASTM D5185(m)		<b>230</b>	249	205
Sodium	ppm	ASTM D5185(m)		<b>4685</b>	4352	2454
Potassium	ppm	ASTM D5185(m)		<b>3555</b>	214	267
Couleur du liquide de refroidissement		Visual*	Orange/R	<b>Red</b>	Red	Orange



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0088923  
**N° de laboratoire** : 02642714  
**Numéro unique** : 5800253  
**Analyse** : COOL ( Additional Tests: GlycolType )

**LES ENTREPRISES MICHAUDVILLE INC.**  
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 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
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 mtrudel@michaudville.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:  
F: