



# RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION  
CONTAMINANTS  
ÉTAT DU LIQUIDE REFROIDISSEMENT

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

Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**1587**

Composant  
**Liquide de refroidissement**  
Fluide  
**EXTENDED LIFE 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) EXTENDED LIFE COOLANT. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0083895</b>	PC0070899	PC0059080
Date d'échant.		Client Info		<b>03 Dec 2023</b>	12 Mar 2023	16 Mar 2022
Âge d la Machine	hrs	Client Info		<b>15850</b>	14784	13616
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 component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	1	<1
Aluminium	ppm	ASTM D5185(m)	>10	<b>3</b>	5	7
Cuivre	ppm	ASTM D5185(m)	>10	<b>0</b>	2	<1
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	0	1
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	<1

## CONTAMINANTS

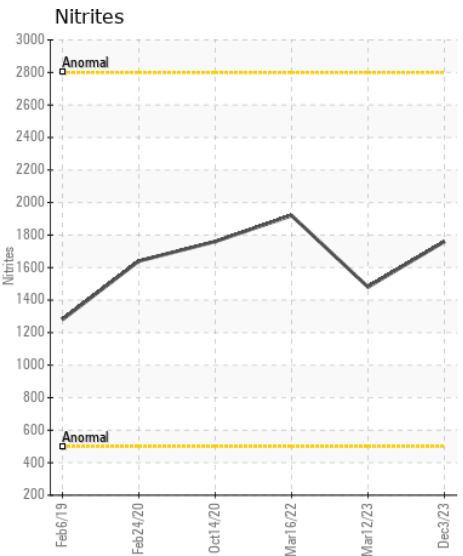
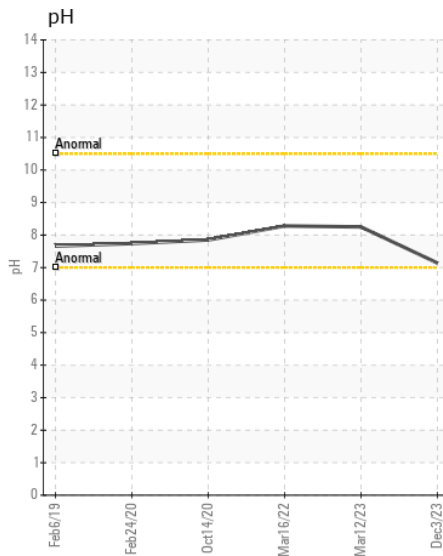
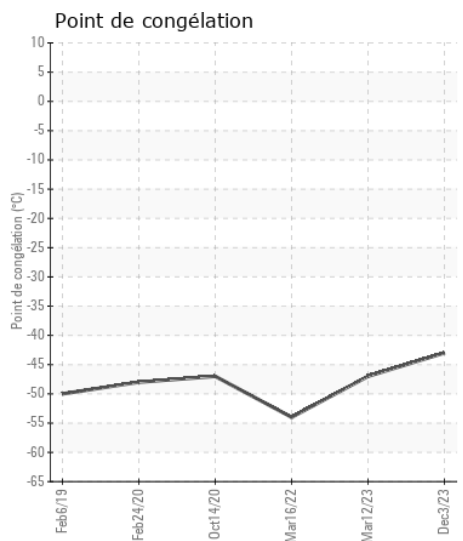
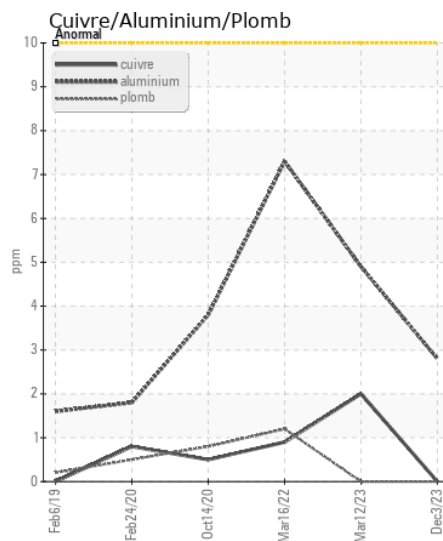
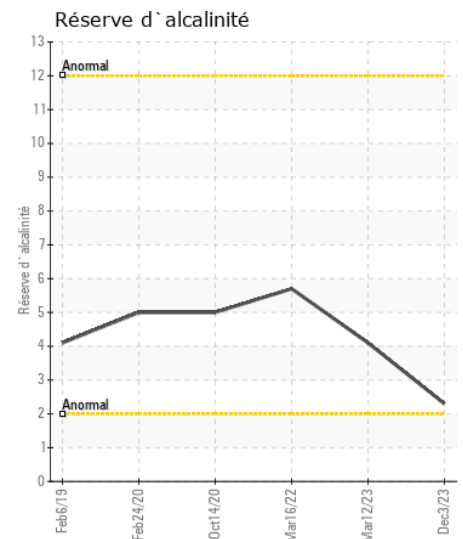
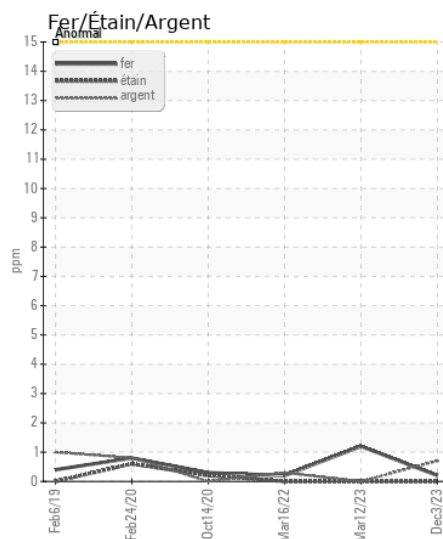
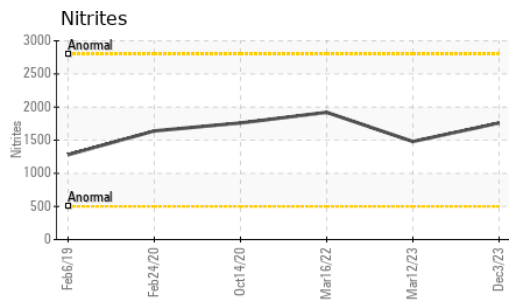
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>11</b>	6	2
Magnésium	ppm	ASTM D5185(m)	>40	<b>3</b>	3	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 condition of the coolant is acceptable for the time in service.

Densité		ASTM D1298*		<b>1.071</b>	1.074	1.078
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.14</b>	8.25	8.28
Nitrites	ppm	Alcan Test Kit*		<b>1760</b>	1480	1920
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>2.3</b>	4.1	5.7
Pourcentage de glycol	%	ASTM D3321*	50	<b>53.0</b>	55.3	58.5
Point de congélation	°C	ASTM D3321*	-40	<b>-43</b>	-47	-54
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>31</b>	74	94
Phosphore	ppm	ASTM D5185(m)		<b>16</b>	159	295
Bore	ppm	ASTM D5185(m)		<b>12</b>	183	258
Molybdène	ppm	ASTM D5185(m)		<b>409</b>	541	660
Sodium	ppm	ASTM D5185(m)		<b>10454</b>	3791	2517
Potassium	ppm	ASTM D5185(m)		<b>68</b>	1090	1789
Couleur du liquide de refroidissement		Visual*	Orange/R	<b>Red</b>	Red	Red



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0083895 **Reçu** : 04 Dec 2023  
**N° de laboratoire** : 02600745 **Diagnostiqué** : 05 Dec 2023  
**Numéro unique** : 5685825 **Diagnostiqueur** : Wes Davis  
**Analyse** : COOL

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.

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