



Identité de la machine

**5051**

Composant

**Liquide de refroidissement**

Fluid

**EXTENDED LIFE COOLANT (--- GAL)**

**RECOMMENDATION**

We recommend that you drain the system and refill with a 50/50 long-life coolant/water mixture. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0088930</b>	---	---
Date d'échant.		Client Info		<b>20 Jun 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>2710</b>	---	---
Âge de l'huile	hrs	Client Info		<b>0</b>	---	---
Huile changée		Client Info		<b>N/A</b>	---	---
Statut de l'échant.				<b>ABNORMAL</b>	---	---

**CORROSION**

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Fer	ppm	ASTM D5185(m)	>15	<b>5</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>10	<b>▲ 31</b>	---	---
Plomb	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>4</b>	---	---

**CONTAMINANTS**

There is no indication of any contamination in the coolant.

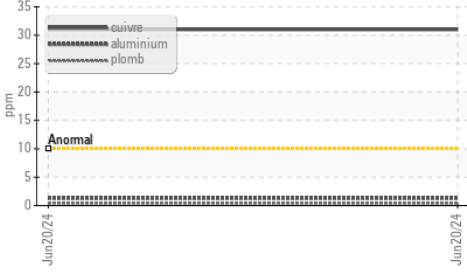
Calcium	ppm	ASTM D5185(m)	>100	<b>5</b>	---	---
Magnésium	ppm	ASTM D5185(m)	>40	<b>1</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Apparence du liquide de refroidissement		Visual*	Clear	<b>Cloudy</b>	---	---

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

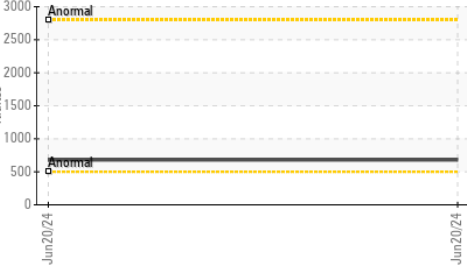
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Point d'ébullition	°C	WC Method*		<b>109</b>	---	---
Densité		ASTM D1298*		<b>1.076</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.49</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>680</b>	---	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>6.3</b>	---	---
Pourcentage de glycol	%	ASTM D3321*	50	<b>56.6</b>	---	---
Point de congélation	°C	ASTM D3321*	-40	<b>-46</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>178</b>	---	---
Phosphore	ppm	ASTM D5185(m)		<b>70</b>	---	---
Bore	ppm	ASTM D5185(m)		<b>823</b>	---	---
Molybdène	ppm	ASTM D5185(m)		<b>159</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>6652</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>339</b>	---	---
Couleur du liquide de refroidissement		Visual*	Orange/R	<b>Orange</b>	---	---

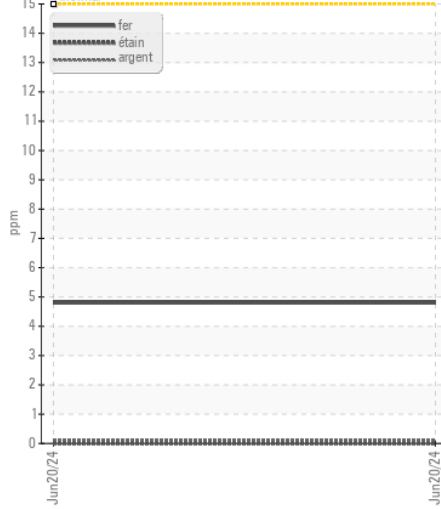
▲ Cuivre/Aluminium/Plomb



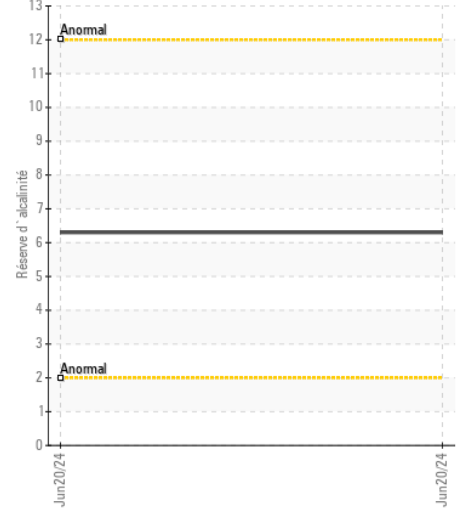
Nitrites



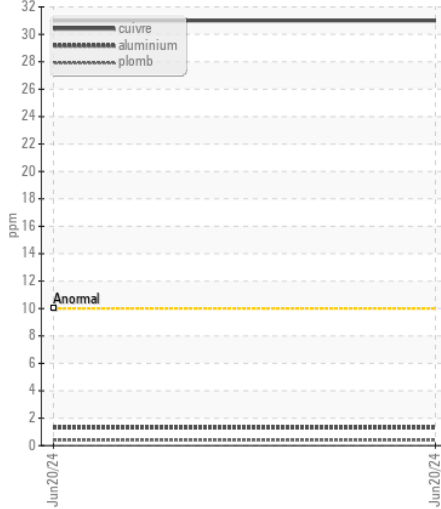
▲ Fer/Étain/Argent



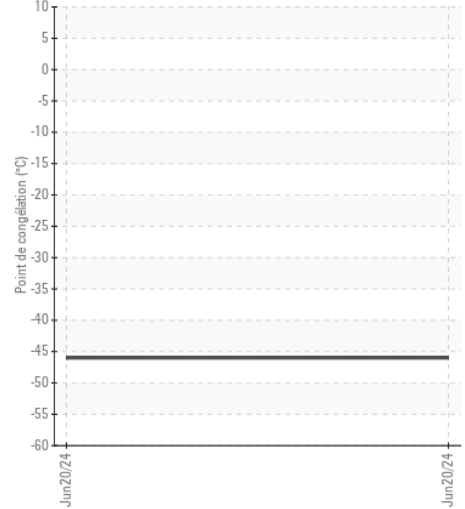
Réserve d'alcalinité



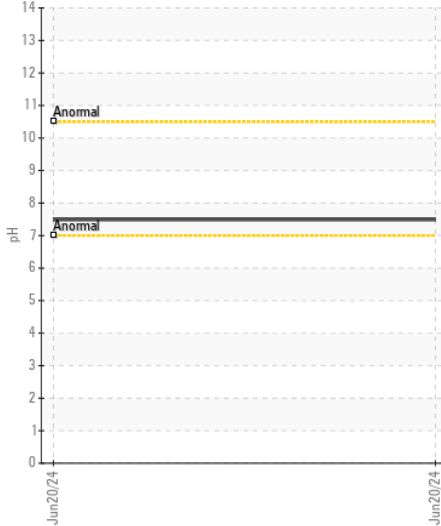
▲ Cuivre/Aluminium/Plomb



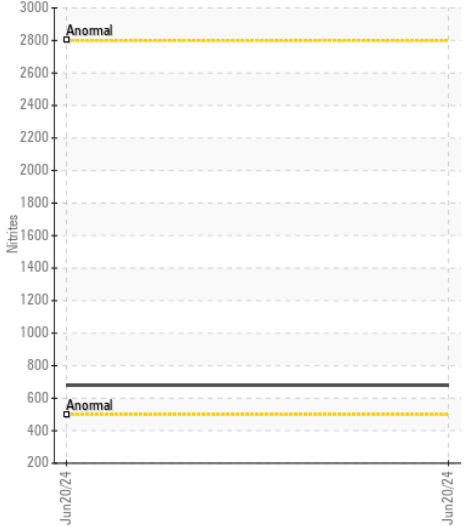
Point de congélation



pH



Nitrites



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0088930

**N° de laboratoire** : 02643524

**Numéro unique** : 5801063

**Analyse** : COOL ( Additional Tests: GlycolType )

**Reçu** : 21 Jun 2024

**Tested** : 21 Jun 2024

**Diagnostic** : 24 Jun 2024 - Kevin Marson

**LES ENTREPRISES MICHAUDVILLE INC.**

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T:

F:

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.