



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION
CONTAMINANTS

ÉTAT DU LIQUIDE REFROIDISSEMENT

ANORMAL

NORMAL

NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

F55051

Composant

Liquide de refroidissement

Fluide

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.

CORROSION

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

CONTAMINANTS

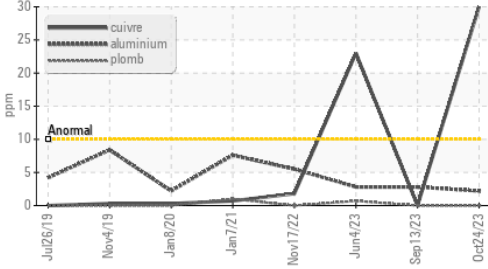
There is no indication of any contamination in the coolant.

ÉTAT DU LIQUIDE REFROIDISSEMENT

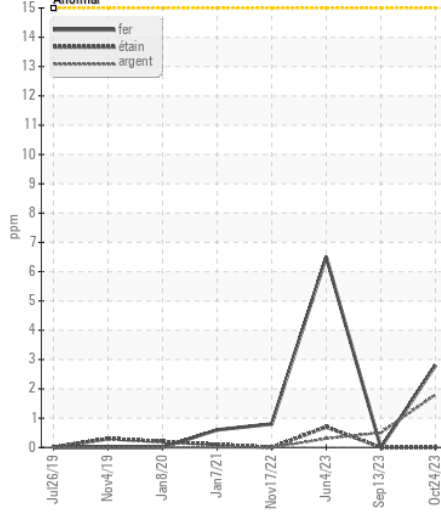
The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0082568	PC0078364	PC0072148
Date d'échant.		Client Info		24 Oct 2023	13 Sep 2023	04 Jun 2023
Âge d la Machine	hrs	Client Info		1510	1980	1413
Âge de l'huile	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	N/A
Statut de l'échant.				ABNORMAL	ABNORMAL	ABNORMAL
Fer	ppm	ASTM D5185(m)	>15	3	0	6
Aluminium	ppm	ASTM D5185(m)	>10	2	3	3
Cuivre	ppm	ASTM D5185(m)	>10	▲ 30	0	▲ 23
Plomb	ppm	ASTM D5185(m)	>10	0	0	<1
Étain	ppm	ASTM D5185(m)	>10	0	0	<1
Argent	ppm	ASTM D5185(m)	>10	2	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	2	0	7
Calcium	ppm	ASTM D5185(m)	>100	3	2	7
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	▲ Very old	Clear
Densité		ASTM D1298*		1.070	1.070	1.070
pH	Scale 0-14	ASTM D1287*	9.0	7.44	▲ 7.82	7.75
Nitrites	ppm	Alcan Test Kit*		440	800	600
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		6.5	4.6	7.3
Pourcentage de glycol	%	ASTM D3321*	50	52.9	52.4	52.3
Point de congélation	°C	ASTM D3321*	-40	-40	-40	-40
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		187	25	172
Phosphore	ppm	ASTM D5185(m)		137	746	146
Bore	ppm	ASTM D5185(m)		1059	45	796
Molybdène	ppm	ASTM D5185(m)		179	532	168
Sodium	ppm	ASTM D5185(m)		9992	4257	3463
Potassium	ppm	ASTM D5185(m)		356	5224	349
Couleur du liquide de refroidissement		Visual*	Orange/R	Orange	Green	Grn/Yellow

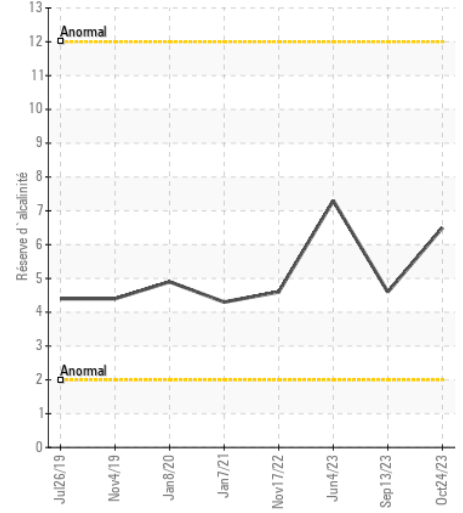
▲ Cuivre/Aluminium/Plomb



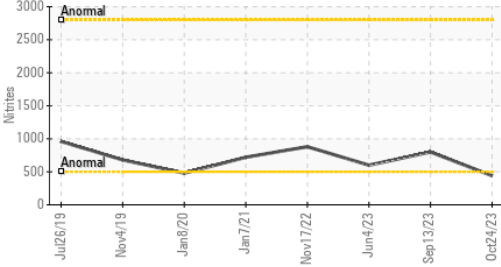
▲ Fer/Étain/Argent



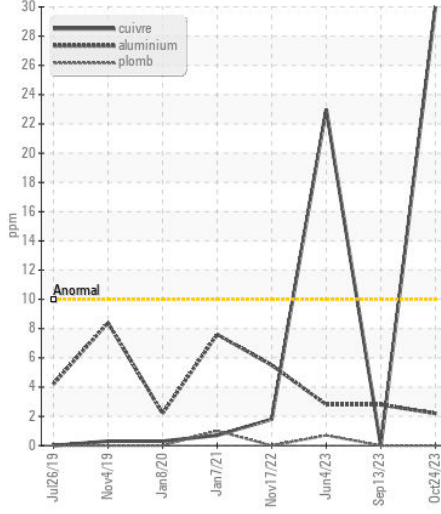
Réserve d'alcalinité



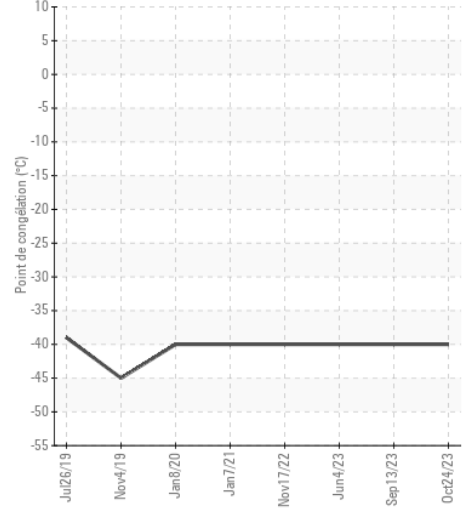
Nitrites



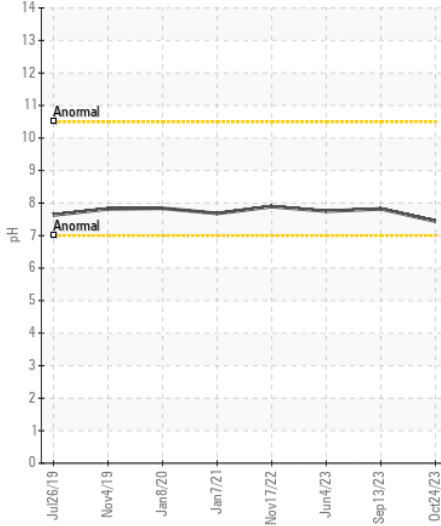
▲ Cuivre/Aluminium/Plomb



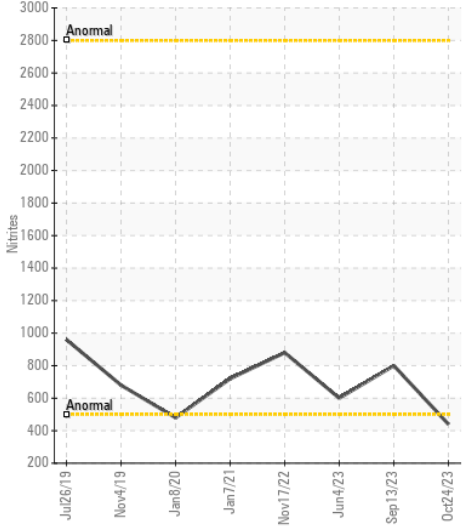
Point de congélation



pH



Nitrites



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
N° d'échantillon : PC0082568 **Reçu** : 25 Oct 2023
N° de laboratoire : 02591876 **Diagnostiqué** : 25 Oct 2023
Numéro unique : 5668955 **Diagnostiqueur** : Kevin Marson
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.

270 RUE BRUNET
MONT ST-HILAIRE, QC
CA J3H 0M6
Contact: Martin Trudel
mtrudel@michaudville.com

T:
F: