



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION
CONTAMINANTS
ÉTAT DU LIQUIDE REFROIDISSEMENT

ANORMAL

NORMAL

NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

76108

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		PC0083512	PC0078474	PC0060868
Date d'échant.		Client Info		17 Mar 2024	02 Oct 2023	10 Jul 2022
Âge d la Machine	hrs	Client Info		26787	26264	2516
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	SEVERE	NORMAL

CORROSION

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

Fer	ppm	ASTM D5185(m)	>15	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>10	<1	0	10
Cuivre	ppm	ASTM D5185(m)	>10	0	2	<1
Plomb	ppm	ASTM D5185(m)	>10	▲ 17	▲ 28	<1
Étain	ppm	ASTM D5185(m)	>10	0	0	0
Argent	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	0	0	1

CONTAMINANTS

There is no indication of any contamination in the coolant.

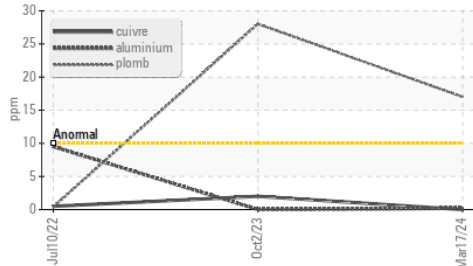
Calcium	ppm	ASTM D5185(m)	>100	5	3	5
Magnésium	ppm	ASTM D5185(m)	>40	2	<1	1
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	Clear	Cloudy	Clear

ÉTAT DU LIQUIDE REFROIDISSEMENT

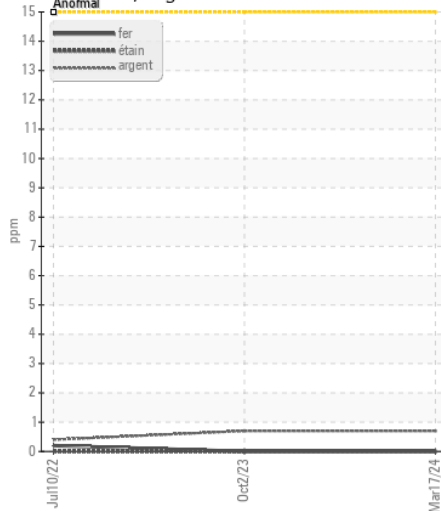
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Point d'ébullition	°C	WC Method*		109	---	---
Densité		ASTM D1298*		1.078	1.087	1.066
pH	Scale 0-14	ASTM D1287*	9.0	7.69	7.69	8.46
Nitrites	ppm	Alcan Test Kit*		1000	320	720
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		2.2	2.7	3.9
Pourcentage de glycol	%	ASTM D3321*	50	58.2	▲ 67.4	49.0
Point de congélation	°C	ASTM D3321*	-40	-48	▲ -66	-33
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		10	9	6
Phosphore	ppm	ASTM D5185(m)		5	18	2
Bore	ppm	ASTM D5185(m)		67	136	5
Molybdène	ppm	ASTM D5185(m)		4	13	683
Sodium	ppm	ASTM D5185(m)		5045	2882	2405
Potassium	ppm	ASTM D5185(m)		1231	3128	8
Couleur du liquide de refroidissement		Visual*	Orange/R	Pink	Orange	Orange

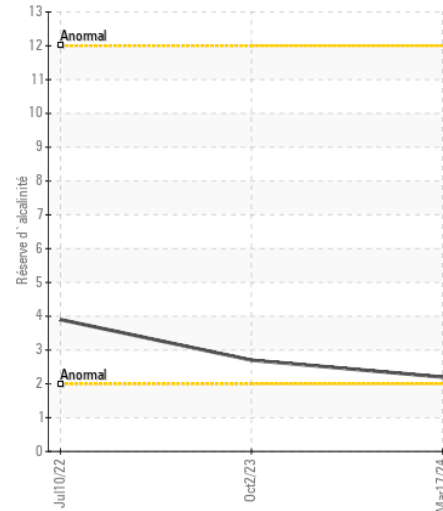
▲ Cuivre/Aluminium/Plomb



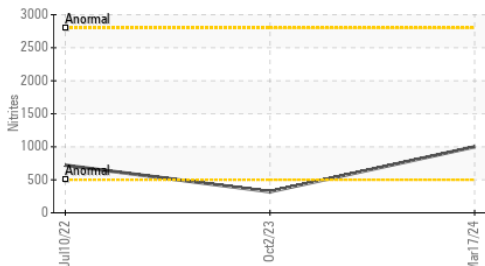
▲ Fer/Étain/Argent



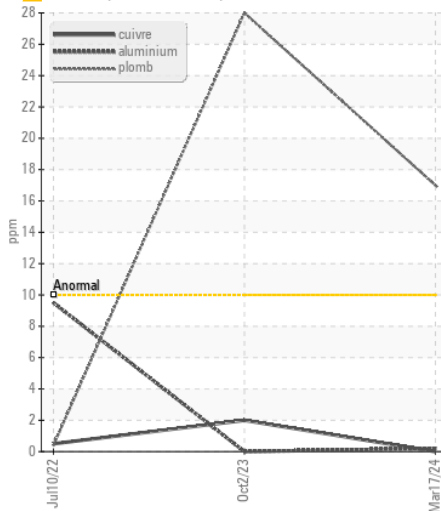
Réserve d'alcalinité



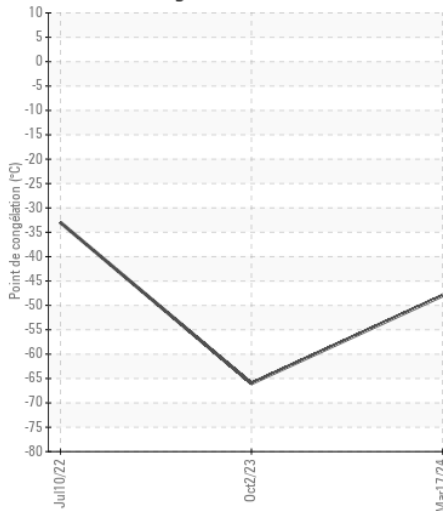
Nitrites



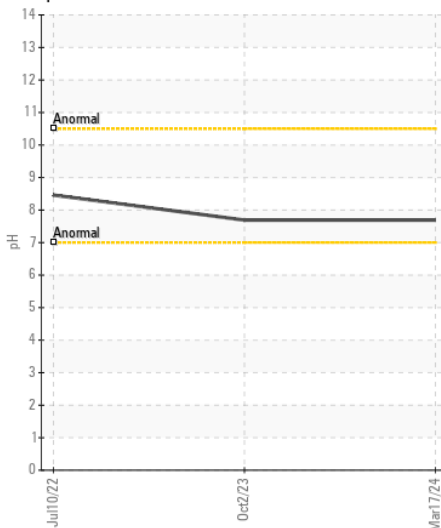
▲ Cuivre/Aluminium/Plomb



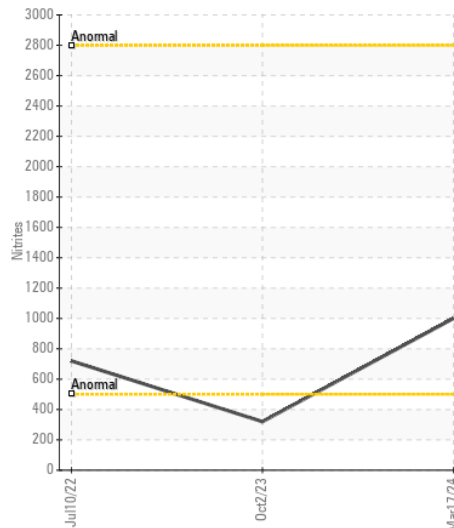
Point de congélation



pH



Nitrites



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083512
N° de laboratoire : 02622865
Numéro unique : 5747984
Analyse : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
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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: