



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION
CONTAMINANTS

ÉTAT DU LIQUIDE REFROIDISSEMENT

NORMAL

ANORMAL

ANORMAL

Secteur

MICHAUDVILLE

Identité de la machine

F55051

Composant

Liquide de refroidissement

Fluide

CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. Resample at the next service interval to monitor.

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

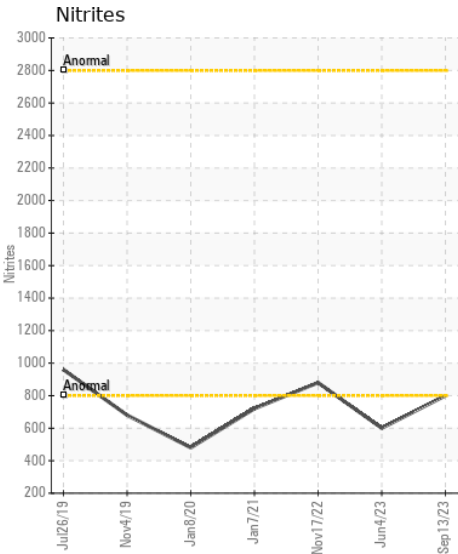
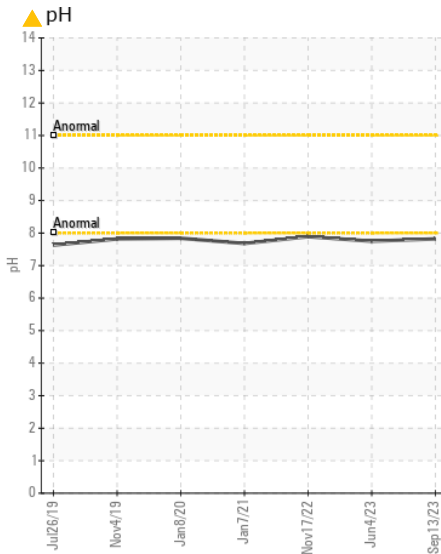
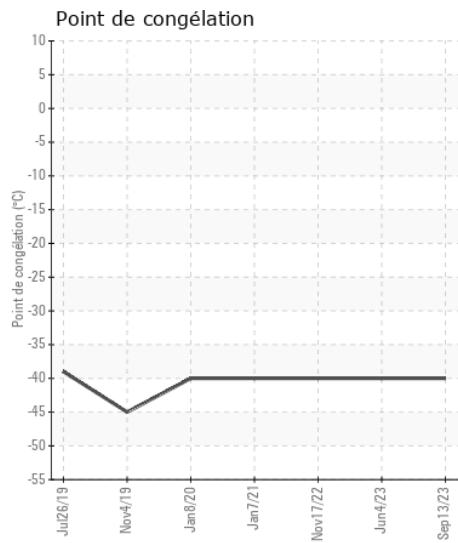
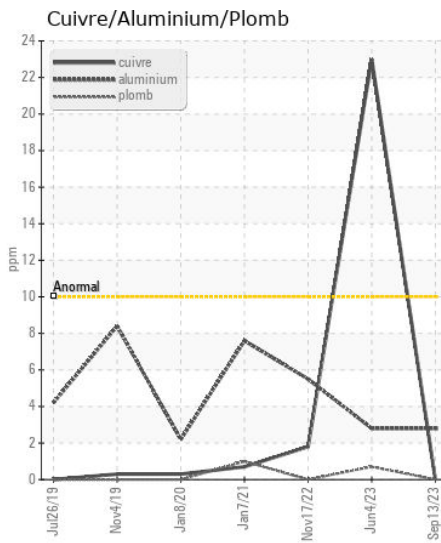
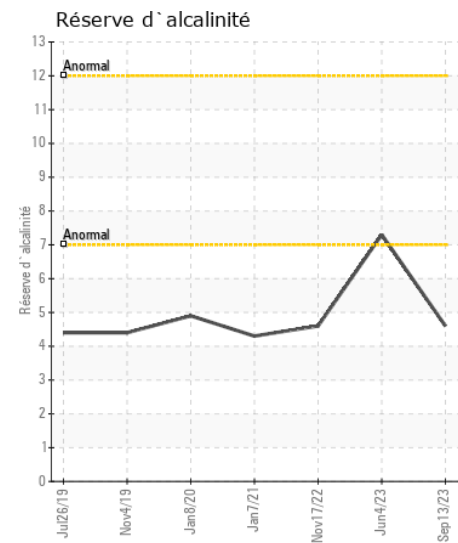
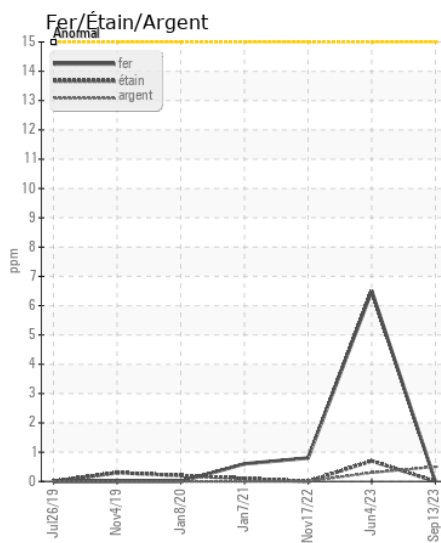
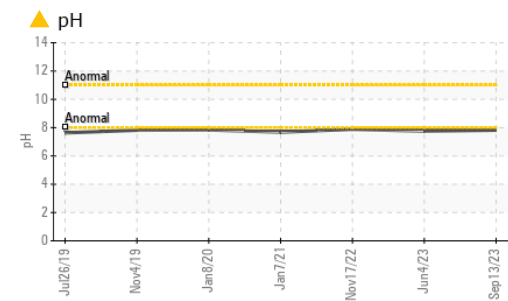
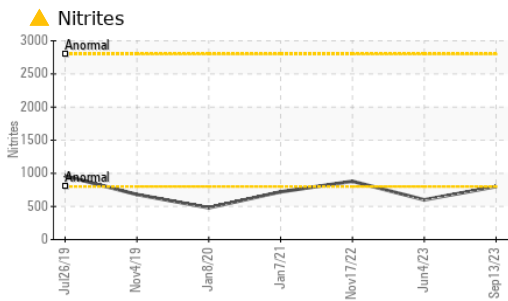
CONTAMINANTS

Moderate concentration of visible dirt/debris present in the coolant.

ÉTAT DU LIQUIDE REFROIDISSEMENT

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. The nitrite level is acceptable. The pH is low which causes rust formation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0078364	PC0072148	PC0067157
Date d'échant.		Client Info		13 Sep 2023	04 Jun 2023	17 Nov 2022
Âge d la Machine	hrs	Client Info		1980	1413	1738
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	0	6	<1
Aluminium	ppm	ASTM D5185(m)	>10	3	3	6
Cuivre	ppm	ASTM D5185(m)	>10	0	▲ 23	2
Plomb	ppm	ASTM D5185(m)	>10	0	<1	0
Étain	ppm	ASTM D5185(m)	>10	0	<1	0
Argent	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	0	7	1
Calcium	ppm	ASTM D5185(m)	>100	2	7	2
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	▲ Very cld	Clear	▲ Very cld
Densité		ASTM D1298*		1.070	1.070	1.070
pH	Scale 0-14	ASTM D1287*	9.5	▲ 7.82	7.75	▲ 7.89
Nitrites	ppm	Alcan Test Kit*	1500	800	600	880
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	4.6	7.3	4.6
Pourcentage de glycol	%	ASTM D3321*	50	52.4	52.3	52.2
Point de congélation	°C	ASTM D3321*	-40	-40	-40	-40
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		25	172	25
Phosphore	ppm	ASTM D5185(m)		746	146	620
Bore	ppm	ASTM D5185(m)		45	796	39
Molybdène	ppm	ASTM D5185(m)		532	168	650
Sodium	ppm	ASTM D5185(m)		4257	3463	2641
Potassium	ppm	ASTM D5185(m)		5224	349	2511
Couleur du liquide de refroidissement		Visual*	Green	Green	Grn/Yellow	Green



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
N° d'échantillon : PC0078364 **Reçu** : 14 Sep 2023 270 RUE BRUNET
N° de laboratoire : 02582622 **Diagnostiqué** : 15 Sep 2023 MONT ST-HILAIRE, QC
Numéro unique : 5643687 **Diagnostiqueur** : Kevin Marson CA J3H 0M6
Analyse : COOL

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. Contact: Martin Trudel
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. mtrudel@michaudville.com
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. T:
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