



Identité de la machine

5124

Composant

Liquide de refroidissement

Fluide

HYBRID (HOAT) COOLANT (--- GAL)

RECOMMENDATION

We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations. Clean cooling system with an acid-based cleaner according to directions, and flush with water afterwards thoroughly. Refill with 50/50 premix of manufacturer recommended coolant. Resample in 30 days.

CORROSION

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

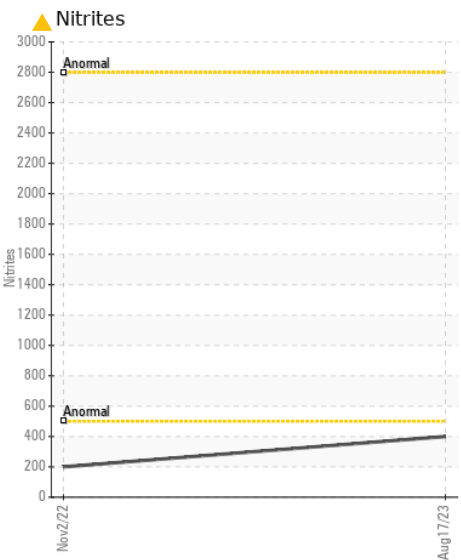
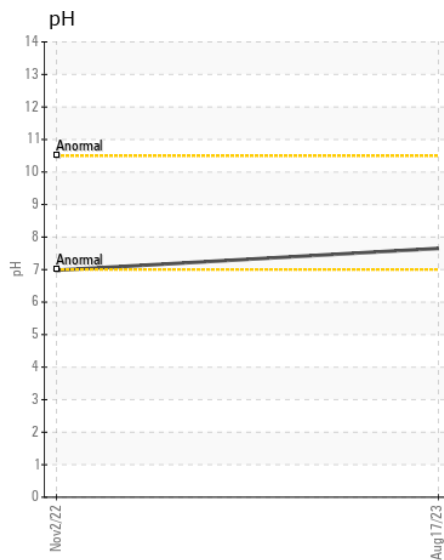
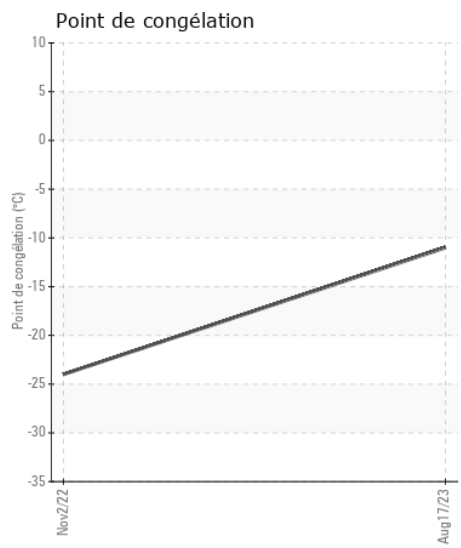
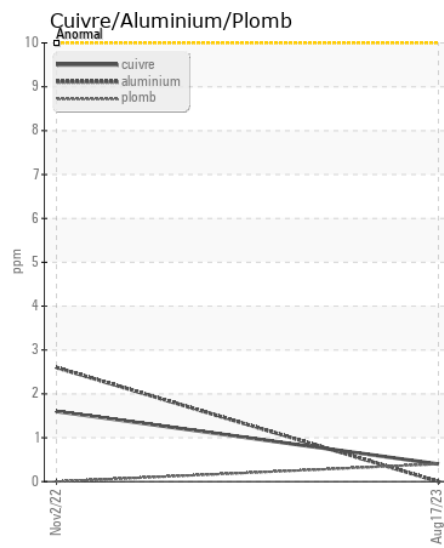
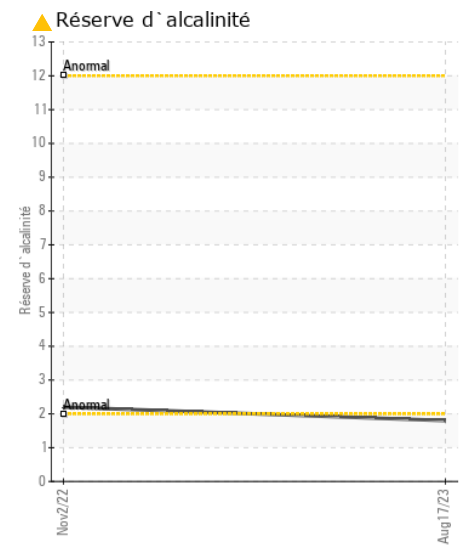
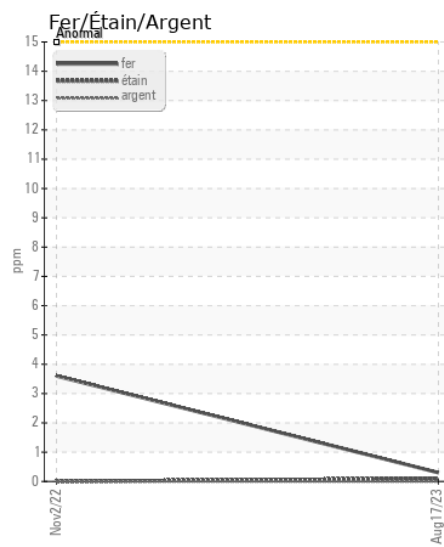
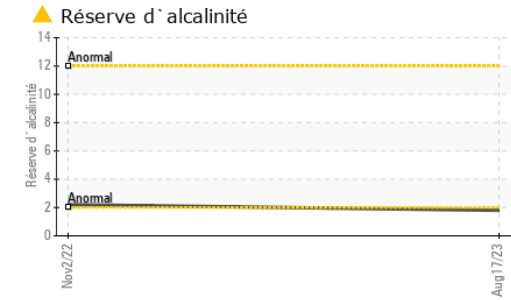
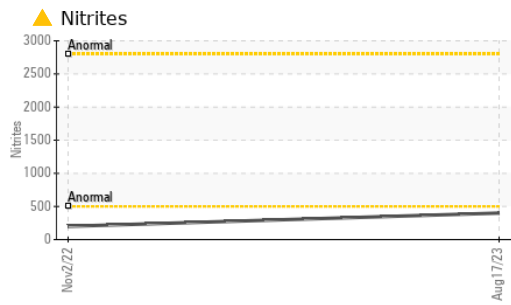
CONTAMINANTS

Hardness is critically elevated. Elevated hardness can allow scale formation that will reduce cooling system effectiveness.

ÉTAT DU LIQUIDE REFROIDISSEMENT

The reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The specific gravity is lower than typical indicating the addition of a different type of coolant. The pH level of this fluid is within the acceptable limits.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0077467	PC0065801	---
Date d'échant.		Client Info		17 Aug 2023	02 Nov 2022	---
Âge d la Machine	hrs	Client Info		1735	1273	---
Âge de l'huile	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	N/A	---
Statut de l'échant.				SEVERE	SEVERE	---
Fer	ppm	ASTM D5185(m)	>15	<1	4	---
Aluminium	ppm	ASTM D5185(m)	>10	0	3	---
Cuivre	ppm	ASTM D5185(m)	>10	<1	2	---
Plomb	ppm	ASTM D5185(m)	>10	<1	0	---
Étain	ppm	ASTM D5185(m)	>10	<1	0	---
Argent	ppm	ASTM D5185(m)	>10	0	0	---
Zinc	ppm	ASTM D5185(m)	>10	<1	5	---
Calcium	ppm	ASTM D5185(m)	>100	26	51	---
Magnésium	ppm	ASTM D5185(m)	>40	8	18	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
Apparence du liquide de refroidissement		Visual*	Clear	Clear	Clear	---
Densité		ASTM D1298*		▲ 1.054	1.062	---
pH	Scale 0-14	ASTM D1287*		7.65	6.98	---
Nitrites	ppm	Alcan Test Kit*		▲ 400	200	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		▲ 1.8	2.2	---
Pourcentage de glycol	%	ASTM D3321*		39.5	45.4	---
Point de congélation	°C	ASTM D3321*		-11	-24	---
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		6	5	---
Phosphore	ppm	ASTM D5185(m)		2	5	---
Bore	ppm	ASTM D5185(m)		15	238	---
Molybdène	ppm	ASTM D5185(m)		237	56	---
Sodium	ppm	ASTM D5185(m)		3045	535	---
Potassium	ppm	ASTM D5185(m)		170	2456	---
Couleur du liquide de refroidissement		Visual*		Orange	Orange	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
N° d'échantillon : PC0077467 **Reçu** : 18 Aug 2023
N° de laboratoire : 02576958 **Diagnostiqué** : 21 Aug 2023
Numéro unique : 5630018 **Diagnostiqueur** : Kevin Marson
Analyse : COOL

Pour discuter cette 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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