



Identité de la machine

55106

Composant

Liquide de refroidissement

Fluid

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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0088924	PC0083686	PC0078344
Date d'échant.		Client Info		11 Jun 2024	04 Feb 2024	30 Aug 2023
Âge d la Machine	hrs	Client Info		1877	0	5620
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	NORMAL	NORMAL

CORROSION

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

Fer	ppm	ASTM D5185(m)	>15	0	0	0
Aluminium	ppm	ASTM D5185(m)	>10	1	5	2
Cuivre	ppm	ASTM D5185(m)	>10	<1	0	<1
Plomb	ppm	ASTM D5185(m)	>10	0	0	0
Étain	ppm	ASTM D5185(m)	>10	0	0	0
Argent	ppm	ASTM D5185(m)	>10	0	1	<1
Zinc	ppm	ASTM D5185(m)	>10	<1	1	0

CONTAMINANTS

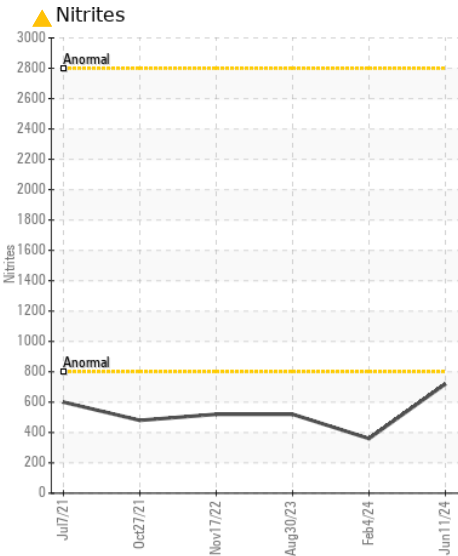
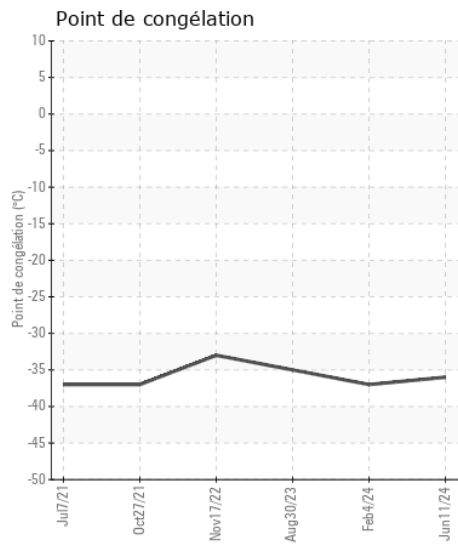
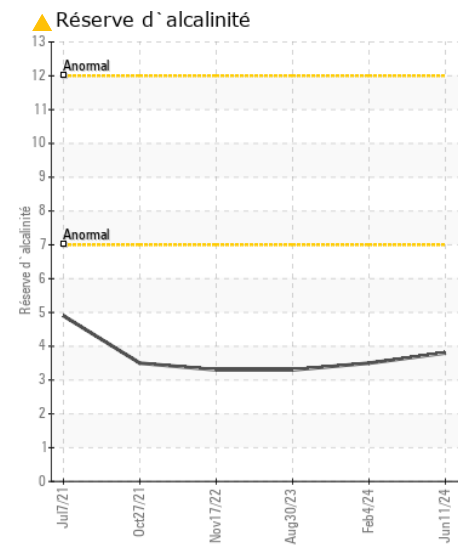
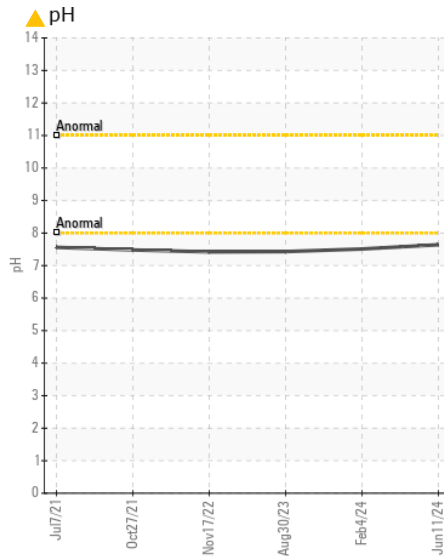
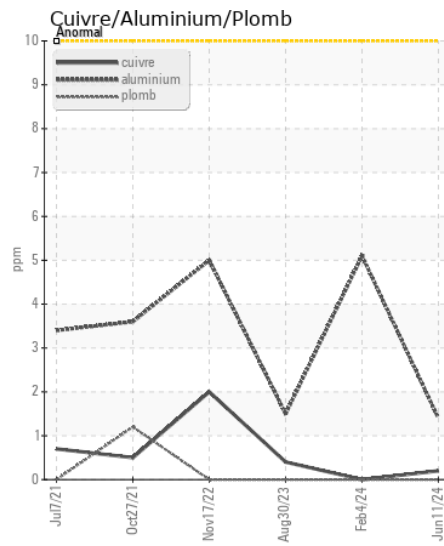
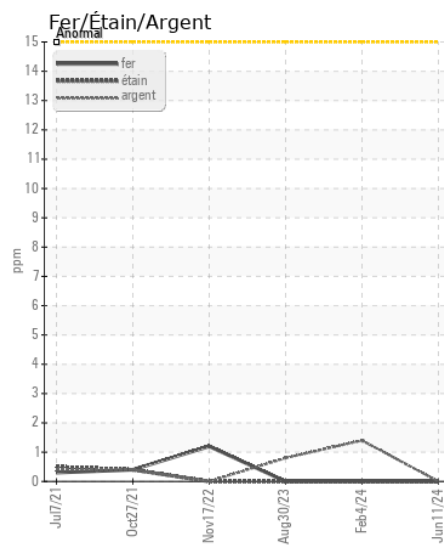
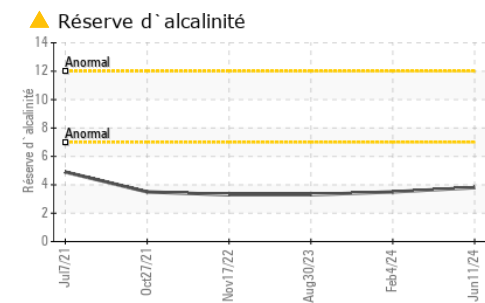
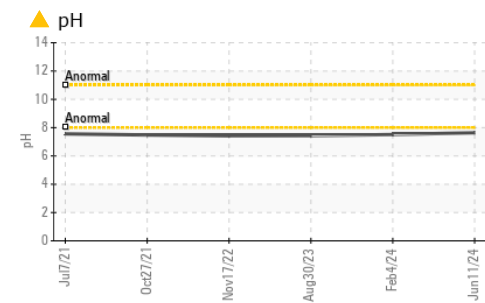
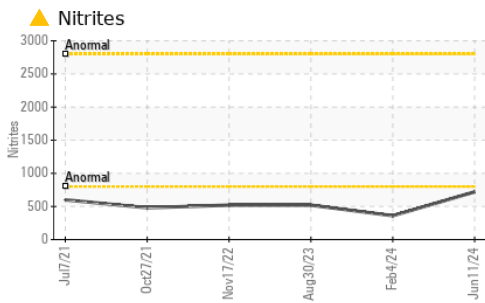
There is no indication of any contamination in the component(unconfirmed).

Calcium	ppm	ASTM D5185(m)	>100	2	10	3
Magnésium	ppm	ASTM D5185(m)	>40	2	3	2
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	▲ Opaque	Clear	Clear

ÉTAT DU LIQUIDE REFROIDISSEMENT

The reserve alkalinity of this fluid is lower than acceptable. The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The pH is low which causes rust formation.

Point d'ébullition	°C	WC Method*		107	107	---
Densité		ASTM D1298*		1.067	1.068	1.068
pH	Scale 0-14	ASTM D1287*	9.5	▲ 7.64	7.51	7.43
Nitrites	ppm	Alcan Test Kit*	1500	▲ 720	360	520
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	▲ 3.8	3.5	3.3
Pourcentage de glycol	%	ASTM D3321*	50	49.9	50.1	50.2
Point de congélation	°C	ASTM D3321*	-40	-36	-37	-35
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		31	6	11
Phosphore	ppm	ASTM D5185(m)		585	11	472
Bore	ppm	ASTM D5185(m)		29	12	12
Molybdène	ppm	ASTM D5185(m)		582	619	580
Sodium	ppm	ASTM D5185(m)		4085	9266	7337
Potassium	ppm	ASTM D5185(m)		3426	257	1218
Couleur du liquide de refroidissement		Visual*	Green	Green	Red	Red



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0088924
N° de laboratoire : 02641547
Numéro unique : 5799086
Analyse : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
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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.

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F: