



Secteur
[49234]
 Identité de la machine
MTU PE4045L238437

Composant
Liquide de refroidissement
 Fluide
CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) CONVENTIONAL COOLANT. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0020966	CU0017915	---
Date d'échant.		Client Info		20 Sep 2023	09 Nov 2021	---
Âge d la Machine	hrs	Client Info		0	479	---
Âge de l'huile	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	N/A	---
Statut de l'échant.				NORMAL	NORMAL	---

CORROSION

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>15	0	9	---
Aluminium	ppm	ASTM D5185(m)	>10	0	2	---
Cuivre	ppm	ASTM D5185(m)	>10	6	1	---
Plomb	ppm	ASTM D5185(m)	>10	0	<1	---
Étain	ppm	ASTM D5185(m)	>10	0	6	---
Argent	ppm	ASTM D5185(m)	>10	<1	<1	---
Zinc	ppm	ASTM D5185(m)	>10	0	8	---

CONTAMINANTS

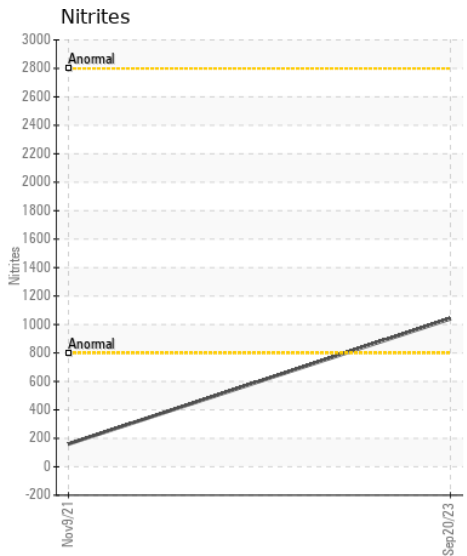
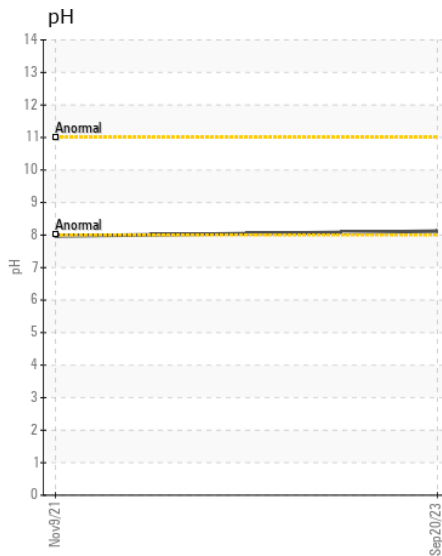
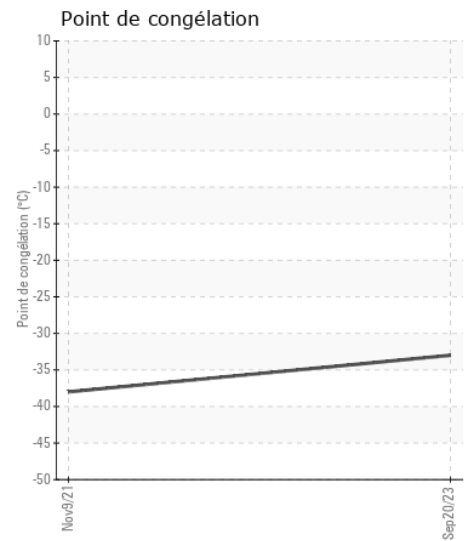
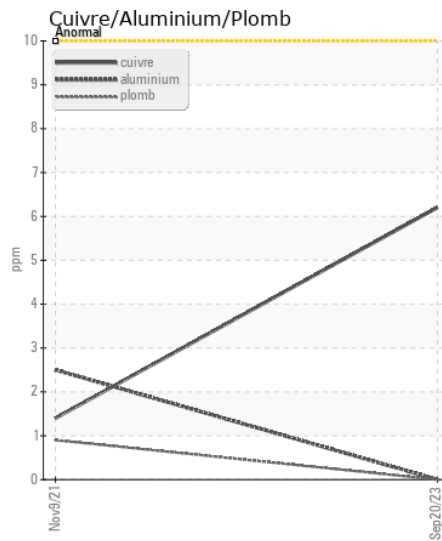
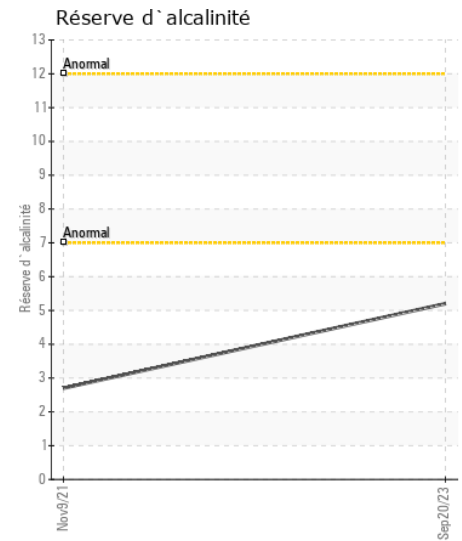
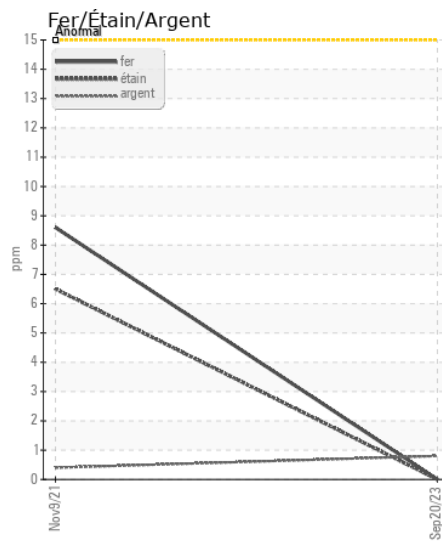
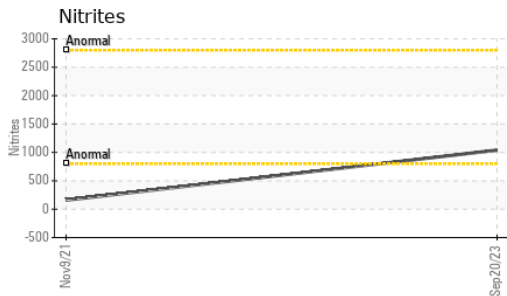
There is no indication of any contamination in the coolant.

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

ÉTAT DU LIQUIDE REFROIDISSEMENT

The condition of the coolant is acceptable for the time in service.

Densité		ASTM D1298*		1.067	1.067	---
pH	Scale 0-14	ASTM D1287*	9.5	8.12	7.97	---
Nitrites	ppm	Alcan Test Kit*	1500	1040	160	---
Réserve d'alcalinité	Scale 0-20	ASTM D1121*	8.5	5.2	2.7	---
Pourcentage de glycol	%	ASTM D3321*	50	49.2	50.0	---
Point de congélation	°C	ASTM D3321*	-40	-33	-38	---
Carboxylate				---	---	---
Silicium	ppm	ASTM D5185(m)		40	4	---
Phosphore	ppm	ASTM D5185(m)		721	10	---
Bore	ppm	ASTM D5185(m)		243	298	---
Molybdène	ppm	ASTM D5185(m)		338	30	---
Sodium	ppm	ASTM D5185(m)		1584	1544	---
Potassium	ppm	ASTM D5185(m)		4925	29	---
Couleur du liquide de refroidissement		Visual*	Green	Other	Orange	---



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Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CUMMINS EASTERN CANADA INC.**
N° d'échantillon : CU0020966 **Reçu** : 03 Oct 2023 122 CLYDE AVENUE
N° de laboratoire : 02586542 **Diagnostiqué** : 03 Oct 2023 MOUNT PEARL, NL
Numéro unique : 5655608 **Diagnostiqueur** : Wes Davis CA A1N 4S3
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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