



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION **NORMAL**  
 CONTAMINANTS **NORMAL**  
 ÉTAT DU LIQUIDE REFROIDISSEMENT **NORMAL**

Secteur

**MICHAUDVILLE**

Identité de la machine

**CATERPILLAR 5036**

Composant

**Liquide de refroidissement**

Fluide

**EXTENDED LIFE 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) EXTENDED LIFE COOLANT. Please confirm.

**CORROSION**

All component wear rates are normal.

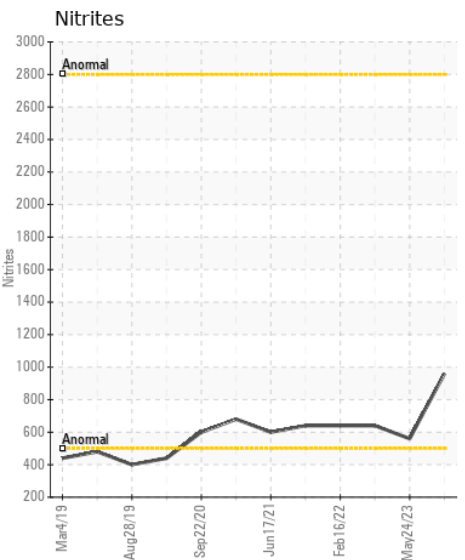
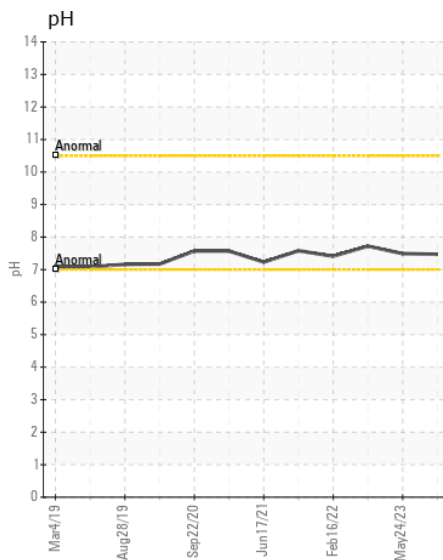
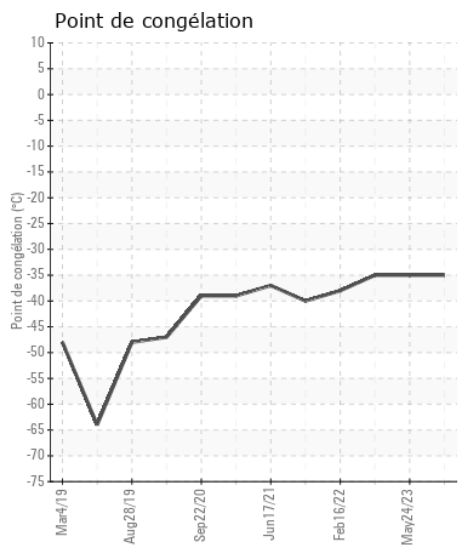
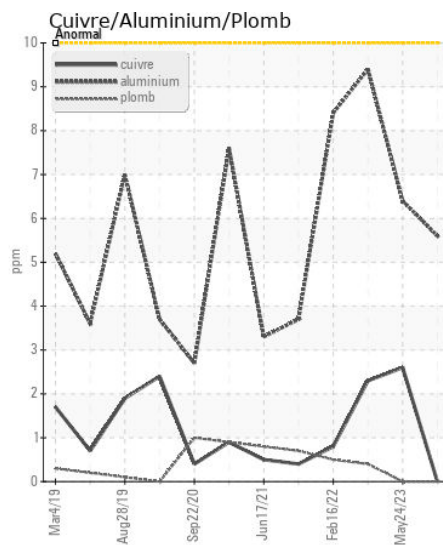
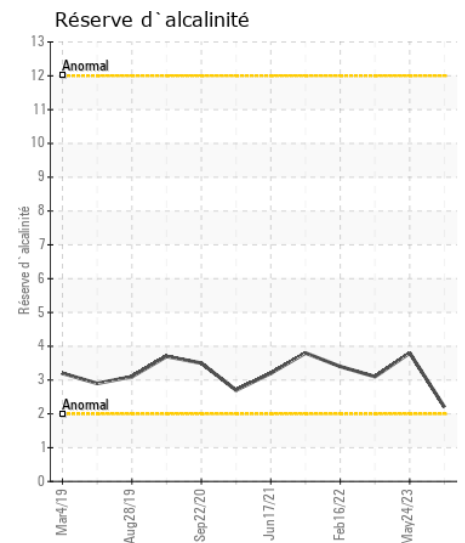
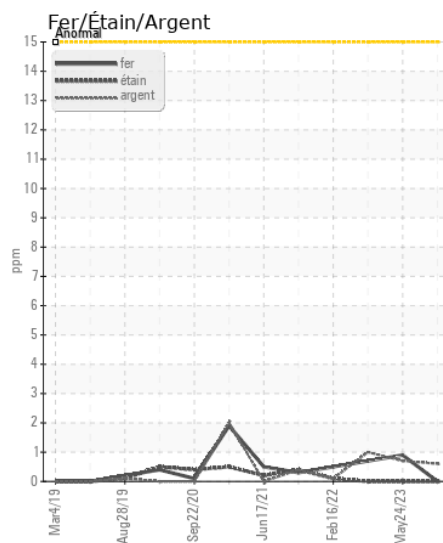
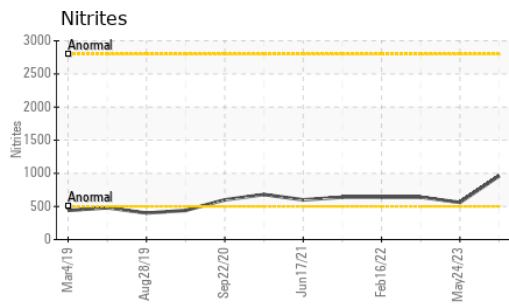
**CONTAMINANTS**

There is no indication of any contamination in the coolant.

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>PC0082085</b>	PC0072535	PC0060618
Date d'échant.		Client Info		<b>16 Nov 2023</b>	24 May 2023	10 Jul 2022
Âge d la Machine	hrs	Client Info		<b>10746</b>	10246	8350
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Aluminium	ppm	ASTM D5185(m)	>10	<b>6</b>	6	9
Cuivre	ppm	ASTM D5185(m)	>10	<b>0</b>	3	2
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	1
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	3	2
Calcium	ppm	ASTM D5185(m)	>100	<b>6</b>	7	7
Magnésium	ppm	ASTM D5185(m)	>40	<b>2</b>	3	2
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Apparence du liquide de refroidissement		Visual*	Clear	<b>Clear</b>	Clear	Clear
Densité		ASTM D1298*		<b>1.068</b>	1.068	1.068
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.47</b>	7.49	7.72
Nitrites	ppm	Alcan Test Kit*		<b>960</b>	560	640
Réserve d'alcalinité	Scale 0-20	ASTM D1121*		<b>2.2</b>	3.8	3.1
Pourcentage de glycol	%	ASTM D3321*	50	<b>50.8</b>	50.8	50.5
Point de congélation	°C	ASTM D3321*	-40	<b>-35</b>	-35	-35
Carboxylate				<b>---</b>	---	---
Silicium	ppm	ASTM D5185(m)		<b>8</b>	9	8
Phosphore	ppm	ASTM D5185(m)		<b>3</b>	6	5
Bore	ppm	ASTM D5185(m)		<b>12</b>	31	21
Molybdène	ppm	ASTM D5185(m)		<b>535</b>	596	653
Sodium	ppm	ASTM D5185(m)		<b>6778</b>	3258	2406
Potassium	ppm	ASTM D5185(m)		<b>382</b>	395	535
Couleur du liquide de refroidissement		Visual*	Orange/R	<b>Red</b>	Orange	Orange



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0082085 **Reçu** : 17 Nov 2023  
**N° de laboratoire** : 02597296 **Diagnostiqueur** : Wes Davis  
**Numéro unique** : 5682376 **Diagnostiqueur** : Wes Davis  
**Analyse** : COOL

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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