



# COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area  
**[332256]**

Machine Id  
**PM7965**

Component  
**Coolant**

Fluid  
**CONVENTIONAL COOLANT (--- GAL)**

## RECOMMENDATION

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>CU0022957</b>	---	---
Sample Date		Client Info		<b>16 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## CORROSION

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

Iron	ppm	ASTM D5185(m)	>15	<b>4</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>6</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>23</b>	---	---

## CONTAMINANTS

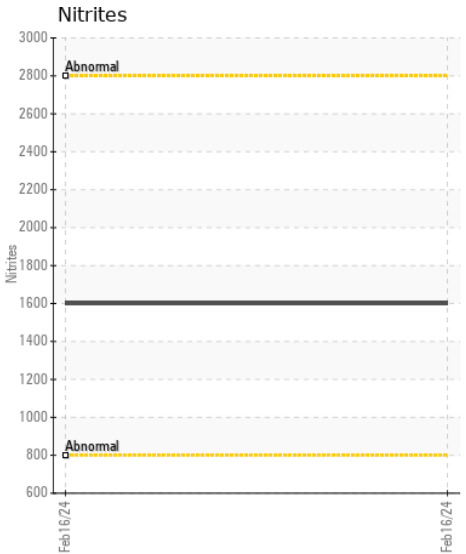
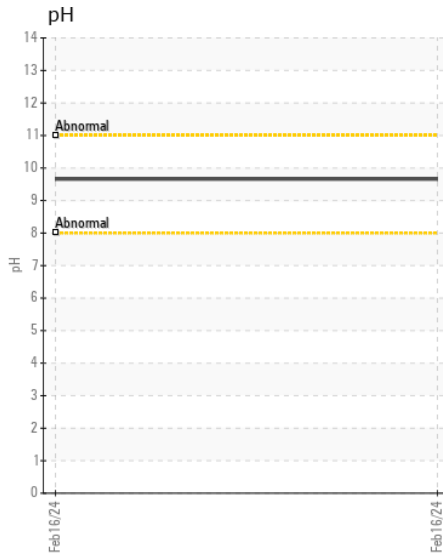
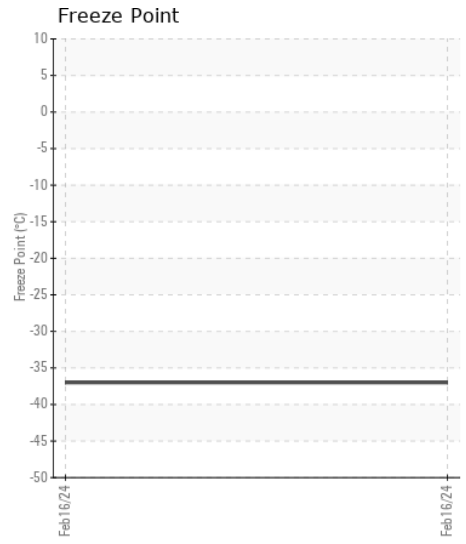
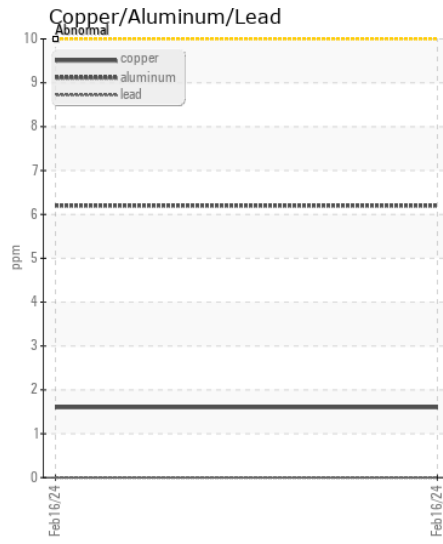
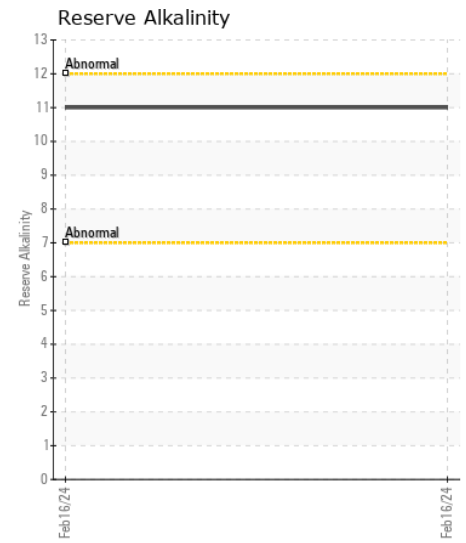
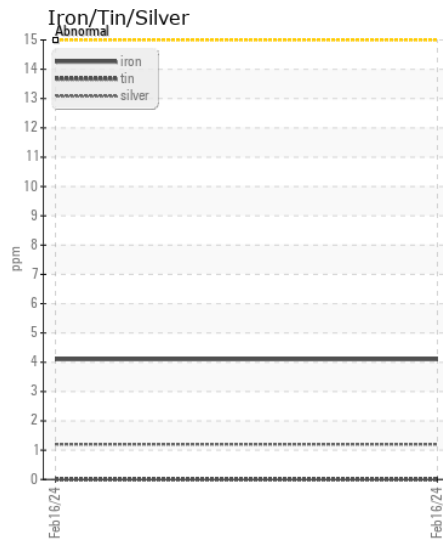
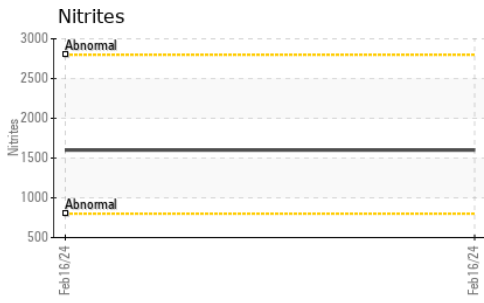
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

## COOLANT CONDITION

Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

Specific Gravity		ASTM D1298*		<b>1.068</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.5	<b>9.66</b>	---	---
Nitrites	ppm	Alcan Test Kit*	1500	<b>1600</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>11.0</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>50.8</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-37</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>51</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>1622</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>447</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>970</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>5244</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>26102</b>	---	---
Coolant Color		Visual*	Green	<b>Other</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0022957 **Received** : 21 Feb 2024  
**Lab Number** : 02617265 **Tested** : 22 Feb 2024  
**Unique Number** : 5734375 **Diagnosed** : 23 Feb 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

**CUMMINS EASTERN CANADA LP**  
 315 AV LIBERTE  
 CANDIAC, QC  
 CA J5R 6Z7  
 Contact: Thomas Owens  
 is275@cummins.com  
 T: (450)638-6863  
 F: (450)638-1202

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.