



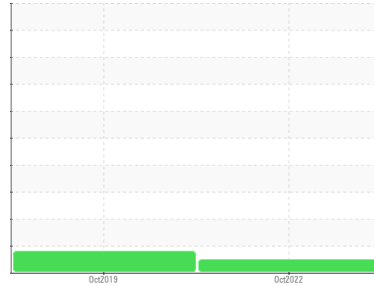
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**[0078091]**  
 Machine Id  
**MTU GDM1981**  
 Component  
**Coolant**  
 Fluid  
**{not provided} (--- GAL)**



## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du . Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon.

### Corrosion

Les taux d'usure de tous les composants sont normaux.

### Contaminants

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

### Coolant Condition

L'état de l'agent de refroidissement est acceptable pour la durée de service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>GD0005845</b>	GD0003588	---
Sample Date	Client Info	<b>18 Oct 2022</b>	17 Oct 2019	---
Machine Age	hrs	<b>0</b>	80	---
Oil Age	hrs	<b>0</b>	0	---
Oil Changed	Client Info	<b>N/A</b>	Not Chngd	---
Sample Status		<b>NORMAL</b>	ABNORMAL	---

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	<b>1.073</b>	1.070	---
pH	Scale 0-14	<b>7.18</b>	7.49	---
Nitrites	Alcan Test Kit*	<b>600</b>	600	---
Reserve Alkalinity	Scale 0-20	<b>1.9</b>	2.1	---
Percentage Glycol	%	<b>54.3</b>	52.0	---
Freezing Point	°C	<b>-45</b>	-41	---
Carboxylate		<b>---</b>	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	<b>15</b>	8	---
Phosphorus	ppm	<b>32</b>	2	---
Boron	ppm	<b>11</b>	24	---
Molybdenum	ppm	<b>246</b>	195	---

## CORROSION

method	limit/base	current	history1	history2
Iron	ppm	<b>&lt;1</b>	<1	---
Aluminum	ppm	<b>2</b>	1	---
Copper	ppm	<b>5</b>	1	---
Lead	ppm	<b>1</b>	2	---
Tin	ppm	<b>0</b>	<1	---
Silver	ppm	<b>0</b>	0	---
Zinc	ppm	<b>4</b>	0	---

## CARRIER SALTS

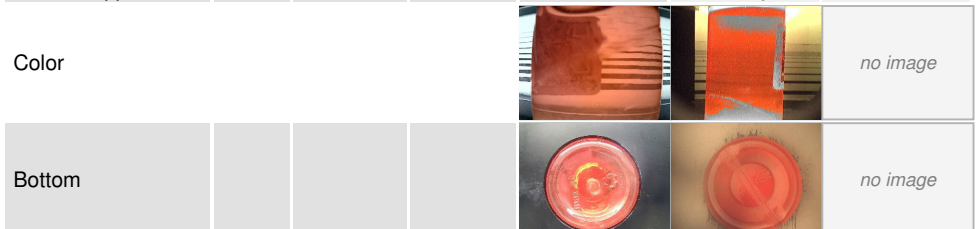
method	limit/base	current	history1	history2
Sodium	ppm	<b>3531</b>	2987	---
Potassium	ppm	<b>3197</b>	3666	---

## SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	<b>7</b>	4	---
Magnesium	ppm	<b>6</b>	4	---
Hardness	mg/L CaCO3	<b>40</b>	---	---

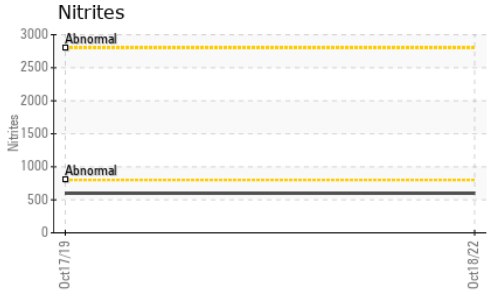
## VISUAL

method	limit/base	current	history1	history2
Coolant Color	Visual*	<b>Orange</b>	Red	---
Coolant Appearance	Visual*	<b>Clear</b>	▲ Cloudy	---

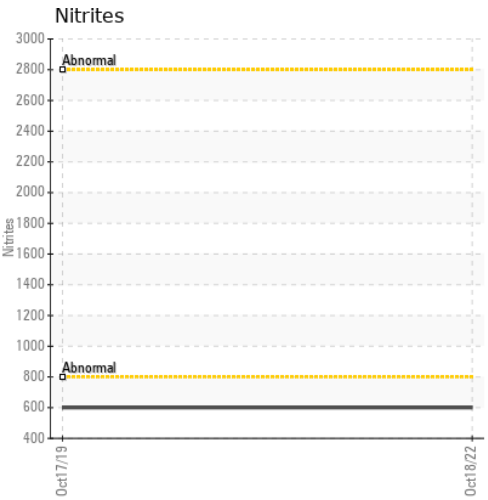
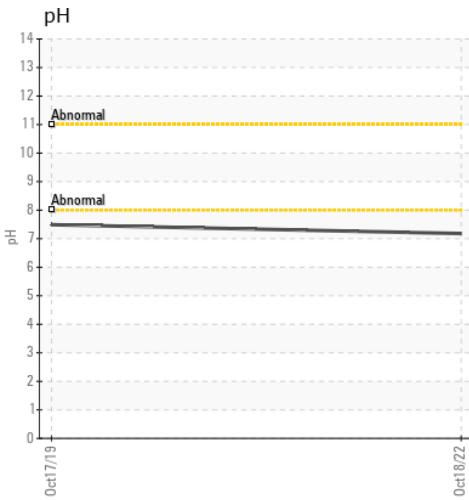
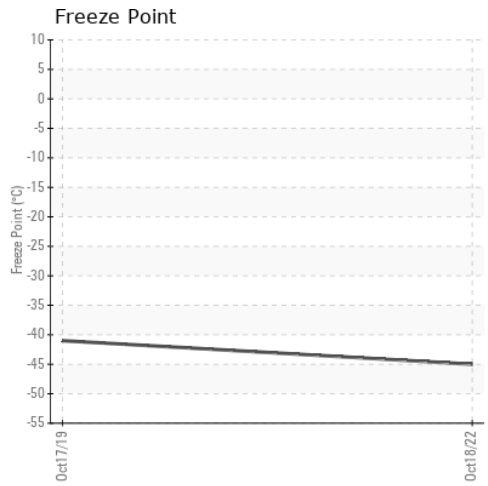
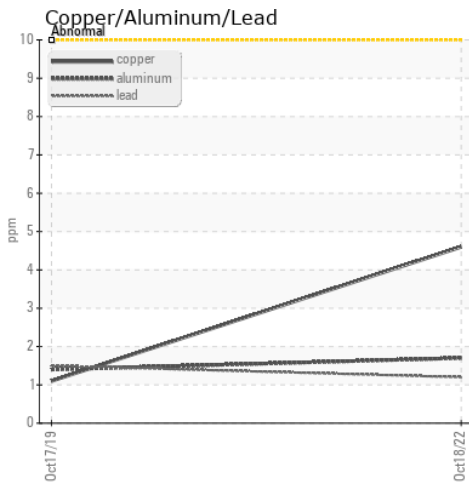
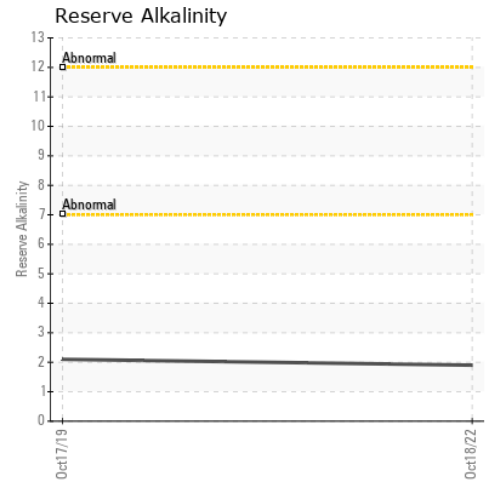
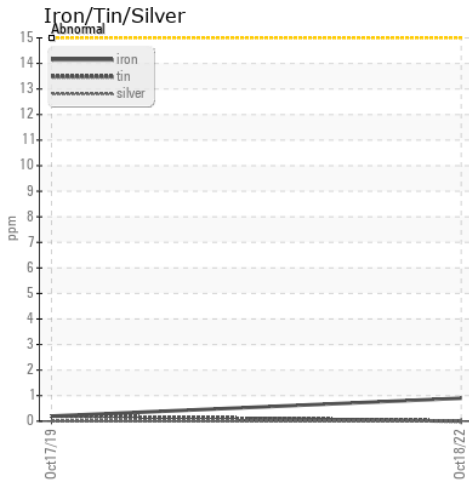




# COOLANT REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0005845  
**Lab Number** : 02518571  
**Unique Number** : 5475551  
**Test Package** : COOL

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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.