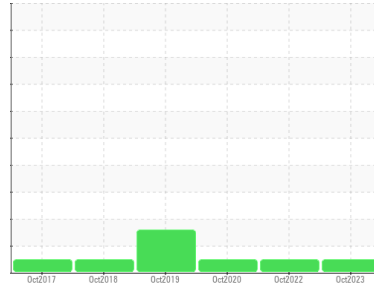




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**[211417]**  
 Machine Id  
**DETROIT GD11120**

Component  
**Coolant**  
 Fluid  
**HYBRID (HOAT) COOLANT (--- 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 (GENERIC) HYBRID (HOAT) COOLANT. Veuillez confirmer.

### 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>GD0020528</b>	GD0005835	GD0004523
Sample Date	Client Info			<b>12 Oct 2023</b>	06 Oct 2022	15 Oct 2020
Machine Age	yrs	Client Info		<b>0</b>	0	0
Oil Age	yrs	Client Info		<b>0</b>	0	2
Oil Changed	Client Info			<b>N/A</b>	N/A	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			<b>1.067</b>	1.070	1.070
pH	Scale 0-14	ASTM D1287*		<b>8.60</b>	7.12	9.23
Nitrites	ppm	Alcan Test Kit*		<b>280</b>	520	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>3.3</b>	8.5	10.3
Percentage Glycol	%	ASTM D3321*		<b>49.8</b>	52.6	52.0
Freezing Point	°C	ASTM D3321*		<b>-33</b>	-40	-41
Carboxylate				<b>---</b>	---	---

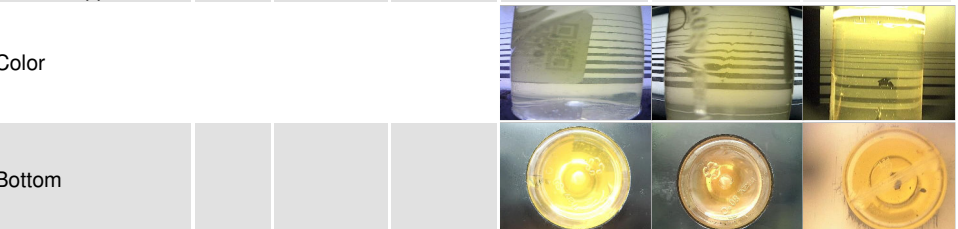
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>116</b>	33	9
Phosphorus	ppm	ASTM D5185(m)		<b>46</b>	185	319
Boron	ppm	ASTM D5185(m)		<b>7</b>	18	37
Molybdenum	ppm	ASTM D5185(m)		<b>61</b>	489	520

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	1	1
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	5	<1
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	2	<1
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	7
Zinc	ppm	ASTM D5185(m)		<b>0</b>	<1	<1

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>2464</b>	5062	4967
Potassium	ppm	ASTM D5185(m)		<b>2575</b>	775	976

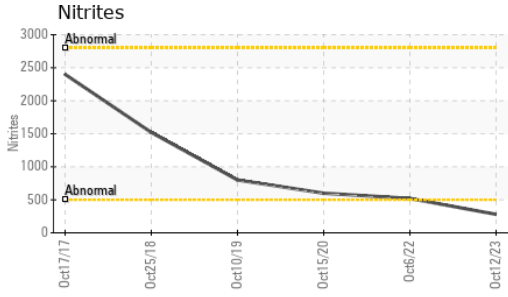
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>2</b>	2	14
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	1	1
Hardness	mg/L CaCO3	In-house*	<75	<b>4</b>	12	---

VISUAL		method	limit/base	current	history1	history2
Coolant Color	Visual*			<b>Yellow</b>	Yellow	Yellow
Coolant Appearance	Visual*	Clear		<b>Clear</b>	Clear	Clear

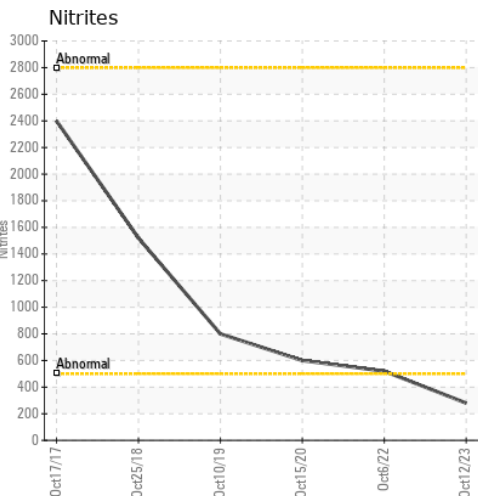
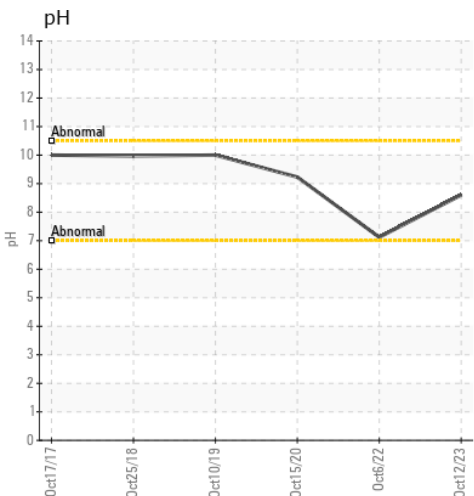
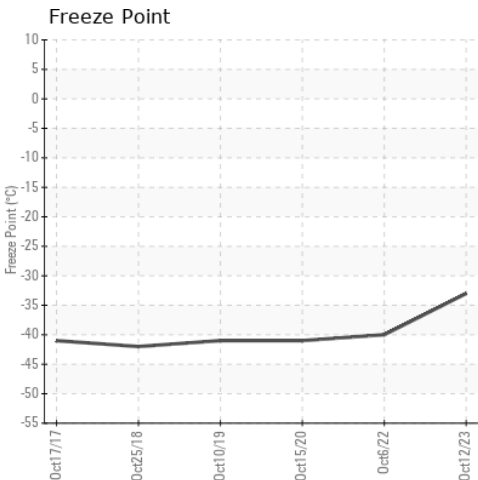
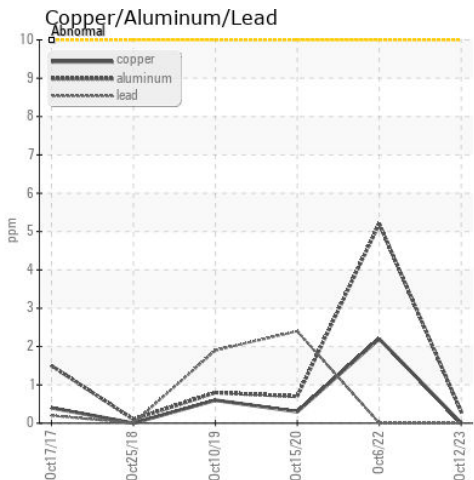
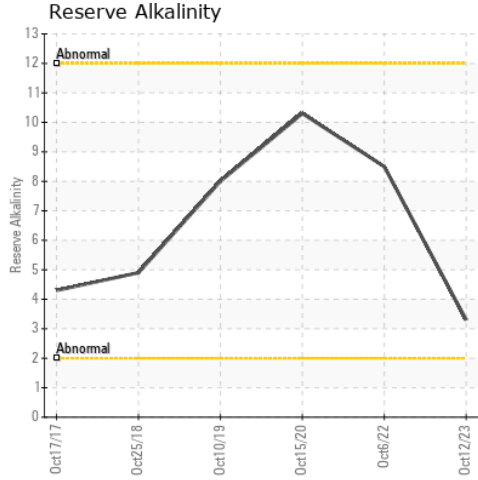
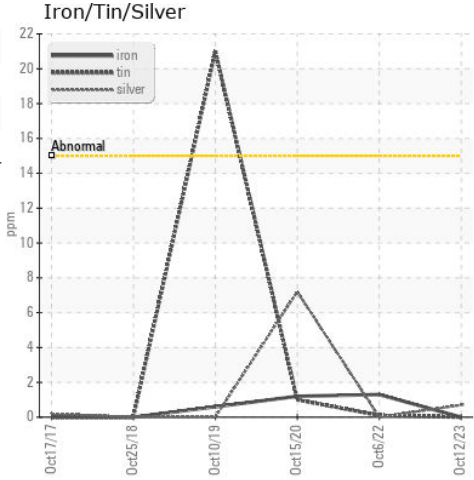




# COOLANT REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0020528  
**Lab Number** : 02590424  
**Unique Number** : 5659490  
**Test Package** : COOL

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 F: (819)398-7022

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.