



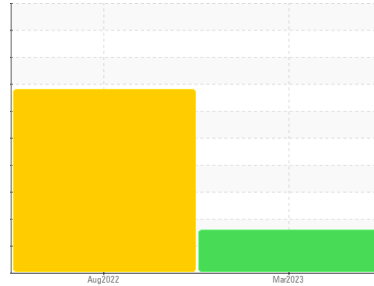
# COOLANT REPORT

Sample Rating Trend

APPEARANCE

Area  
**WAJAX**  
Machine Id  
**GD10689C**

Component  
**Coolant**  
Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

Nous recommandons la vidange du système et le remplissage avec un mélange 50/50 d'antigel longue durée et d'eau. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Corrosion

La concentration du fer est anormale/sévère indiquant la présence de rouille dans le système qui pourrait l'obstruer.

### Contaminants

Il n'y a aucune indication de contamination dans le composant (non confirmée).

### Coolant Condition

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>GD0005501</b>	GD0005814	---
Sample Date	Client Info			<b>20 Mar 2023</b>	04 Aug 2022	---
Machine Age	hrs	Client Info		<b>78</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>Not Changed</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	SEVERE	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			<b>1.069</b>	1.067	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.62</b>	8.02	---
Nitrites	ppm	Alcan Test Kit*		<b>200</b>	320	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.5</b>	2.0	---
Percentage Glycol	%	ASTM D3321*	50	<b>51.0</b>	49.7	---
Freezing Point	°C	ASTM D3321*	-40	<b>-38</b>	-33	---
Carboxylate				---	---	---

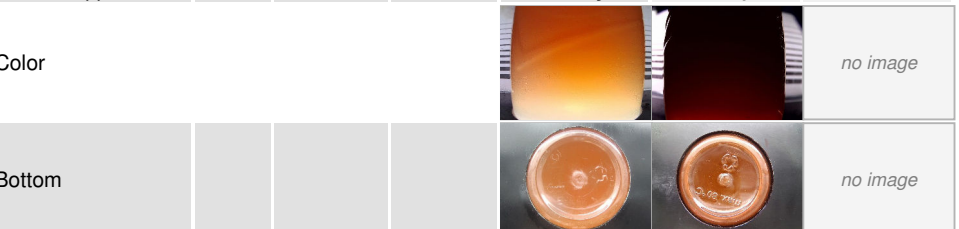
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>75</b>	76	---
Phosphorus	ppm	ASTM D5185(m)		<b>46</b>	48	---
Boron	ppm	ASTM D5185(m)		<b>57</b>	54	---
Molybdenum	ppm	ASTM D5185(m)		<b>155</b>	125	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>▲ 69</b>	146	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	2	---
Copper	ppm	ASTM D5185(m)	>10	<b>2</b>	4	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	5	---
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	6	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Zinc	ppm	ASTM D5185(m)		<b>3</b>	6	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>1199</b>	1035	---
Potassium	ppm	ASTM D5185(m)		<b>1709</b>	1560	---

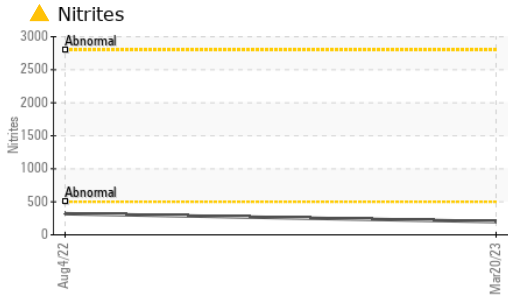
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>0</b>	4	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	2	---
Hardness	mg/L CaCO3	In-house*	<75	<b>9</b>	16	---

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

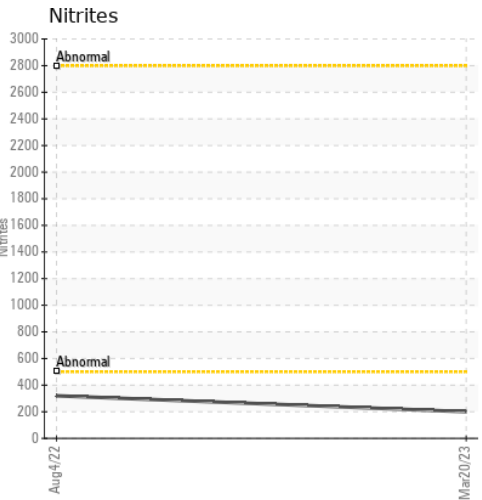
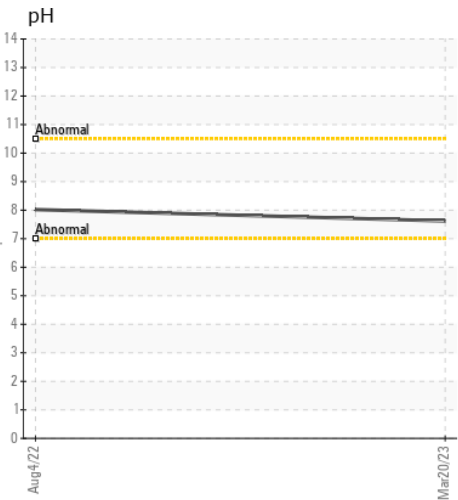
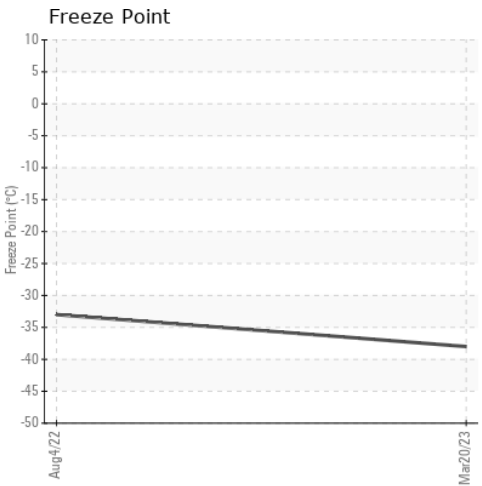
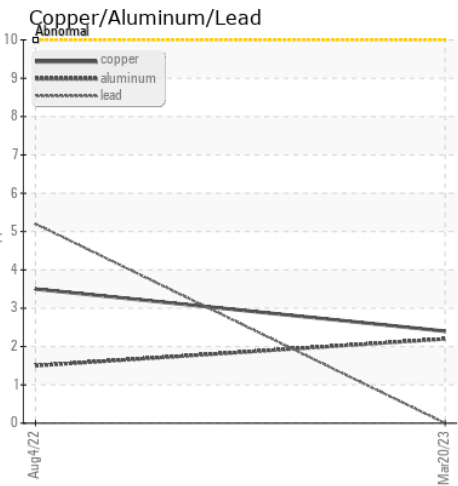
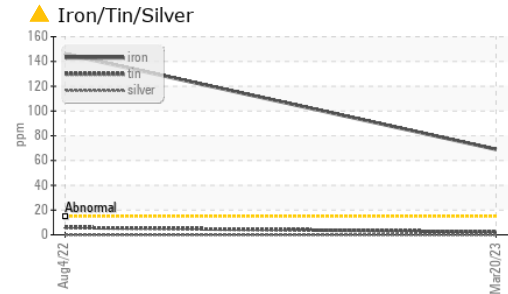
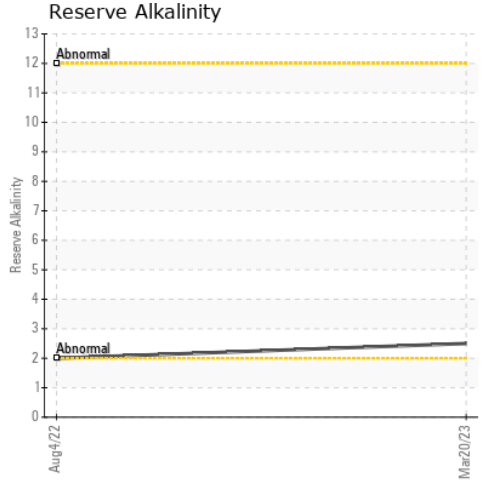
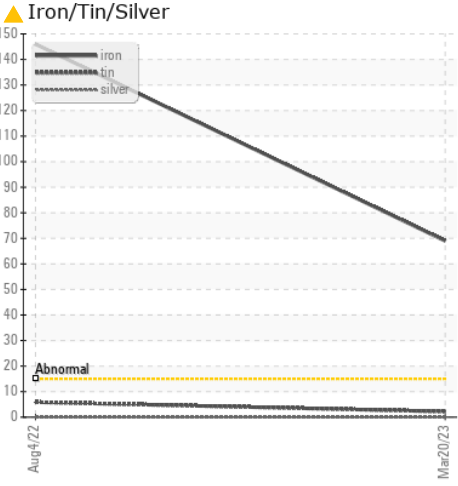




# COOLANT REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0005501  
**Lab Number** : 02548212  
**Unique Number** : 5553222  
**Test Package** : COOL ( Additional Tests: PQ )

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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.