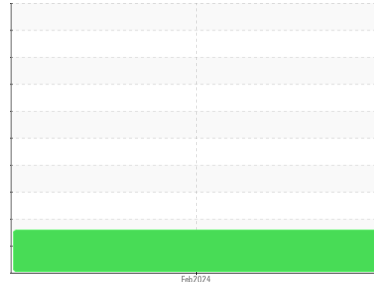


Area  
**Coca Cola [450124223]**  
 Machine Id  
**COMMON CONDENSER**  
 Component  
**Coolant**  
 Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**



**DIAGNOSIS**

**Recommendation**

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. We recommend an early resample to monitor this condition.

**Corrosion**

The iron level is high indicating rust in the system which clogs the cooling system.

**Contaminants**

There is no indication of any contamination in the component(unconfirmed).

**Coolant Condition**

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>GTT0002102</b>	---	---
Sample Date	Client Info	<b>23 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>ABNORMAL</b>	---

**PHYSICAL TEST RESULTS** method limit/base current history1 history2

Glycol Type	FT-IR		<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*		<b>1.056</b>	---	---
pH	Scale 0-14	ASTM D1287*	<b>8.34</b>	---	---
Nitrites	ppm	Alcan Test Kit*	<b>1400</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	<b>2.1</b>	---	---
Percentage Glycol	%	ASTM D3321*	<b>41.0</b>	---	---
Freezing Point	°C	ASTM D3321*	<b>-26</b>	---	---
Boiling Point	°C	WC Method*	<b>106</b>	---	---
Carboxylate			<b>---</b>	---	---

**CORROSION INHIBITORS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m)	<b>14</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>76</b>	---	---
Boron	ppm	ASTM D5185(m)	<b>114</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>2</b>	---	---

**CORROSION** method limit/base current history1 history2

Iron	ppm	ASTM D5185(m)	>15	<b>▲ 253</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</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>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>2</b>	---	---



**CARRIER SALTS** method limit/base current history1 history2

Sodium	ppm	ASTM D5185(m)		<b>1076</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>15</b>	---	---

**SCALE POTENTIAL** method limit/base current history1 history2

Calcium	ppm	ASTM D5185(m)	>100	<b>20</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	---	---
Hardness	mg/L CaCO3	In-house*	<75	<b>59</b>	---	---

# COOLANT REPORT

VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*		<b>Yellow</b>	---	---
Coolant Appearance	Visual*	Clear	<b>Clear</b>	---	---
Color				no image	no image
Bottom				no image	no image
<b>GRAPHS</b>					



**Sample No.** : GTT0002102      **Received** : 08 Mar 2024  
**Lab Number** : 02620951      **Tested** : 08 Mar 2024  
**Unique Number** : 5746070      **Diagnosed** : 11 Mar 2024 - Bill Quesnel  
**Test Package** : COOL ( Additional Tests: GlycolType )  
*To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.*  
*Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.*  
*Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.*

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