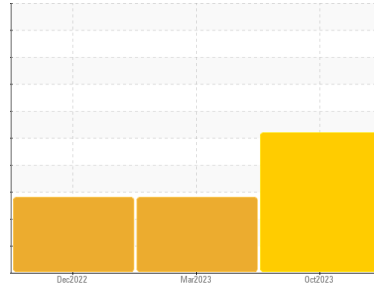




# COOLANT REPORT

Sample Rating Trend



OFF SPEC



Machine Id  
**CATERPILLAR GM01**  
 Component  
**Auxiliary Circuit Coolant**  
 Fluid  
**Q8 PRE COOL 4060 (--- 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.

### Contaminants

There is no indication of any contamination in the coolant.

### ▲ Coolant Condition

The glycol level is lower than acceptable. The nitrite level is lower than acceptable. The pH level of this fluid is within the acceptable limits.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0836383</b>	WC0660979	WC0660984
Sample Date	Client Info		<b>06 Oct 2023</b>	27 Mar 2023	29 Dec 2022
Machine Age	hrs	Client Info	<b>0</b>	20028	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## PHYSICAL TEST RESULTS

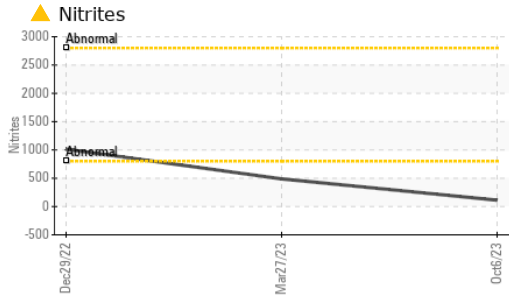
	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.042</b>	1.046	1.042
pH	Scale 0-14 ASTM D1287		<b>7.89</b>	8.44	8.45
Nitrites	ppm AP-053:2009		<b>▲ 112</b>	488	1012
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>▲ 31.0</b>	▲ 34.0	▲ 31.6
Freezing Point	°F ASTM D3321		<b>3</b>	-2	3
Total Dissolved Solids			<b>187.0</b>	193.5	159.0
Carboxylate			<b>n/a</b>	fail	n/a

## VISUAL

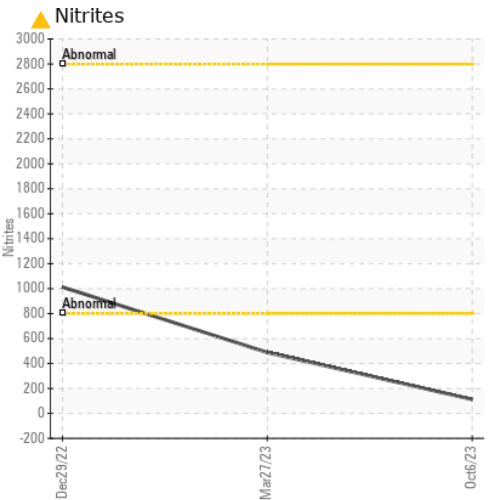
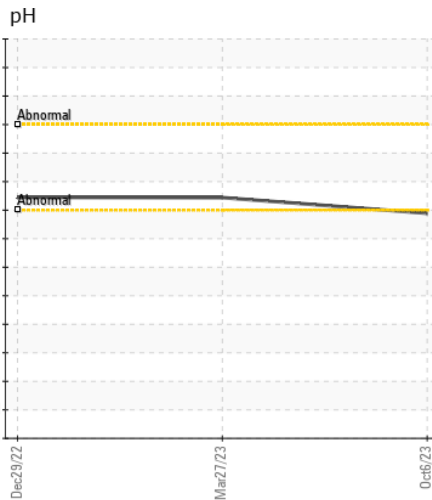
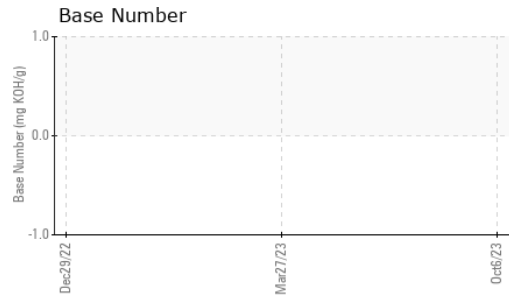
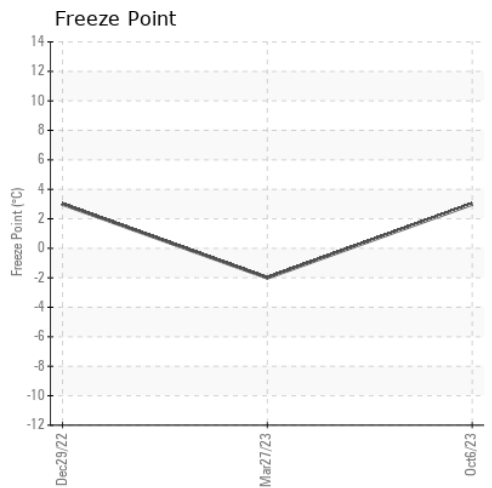
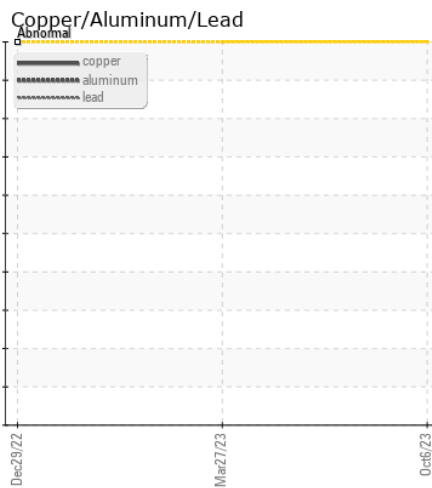
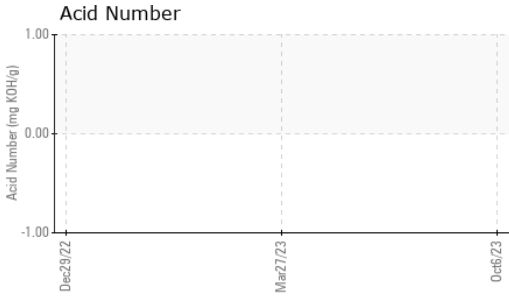
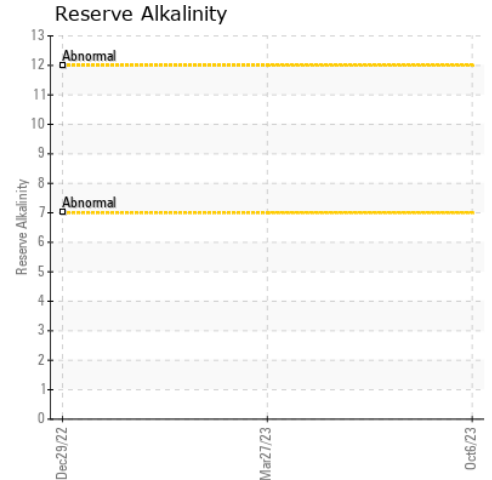
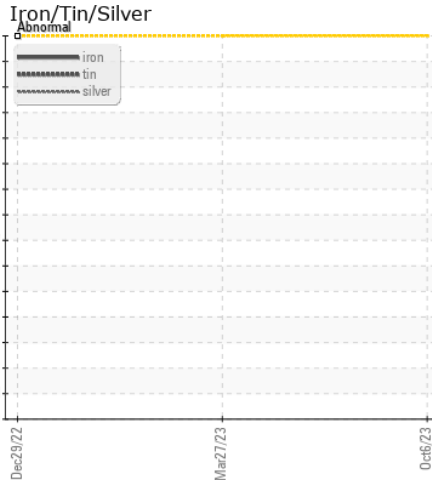
	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Pink</b>	Orange	Orange
Coolant Appearance	*Visual	Clear	<b>normal</b>	hazy	normal
Color					
Bottom					



# COOLANT REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0836383 **Received** : 16 Oct 2023  
**Lab Number** : 05980105 **Diagnosed** : 19 Oct 2023  
**Unique Number** : 10697400 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, TAN Man, TBN )

**OAK GROVE KS**  
 1150 E 700TH AVE  
 ARCADIA, KS  
 US 66711

Contact: KALEB WEAVER  
 kaleb.weaver@cubedistrictenergy.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
F: