

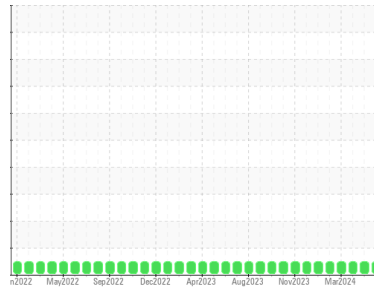


# COOLANT REPORT



Machine Id  
**CATERPILLAR GM01 (S/N LGS00177)**  
 Component  
**Auxiliary Circuit Coolant**  
 Fluid  
**EXTENDED LIFE COOLANT (100 GAL)**

### Sample Rating Trend



**NORMAL**



### DIAGNOSIS

#### Recommendation

The fluid is suitable for further service.

#### Contaminants

There is no indication of any contamination in the coolant.

#### Coolant Condition

Glycol and nitrite levels are 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>WC0897541</b>	WC0897539	WC0897537
Sample Date	Client Info		<b>11 Jun 2024</b>	13 May 2024	15 Apr 2024
Machine Age	hrs	Client Info	<b>80484</b>	80060	79397
Oil Age	hrs	Client Info	<b>1</b>	4125	3462
Oil Changed	Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

### PHYSICAL TEST RESULTS

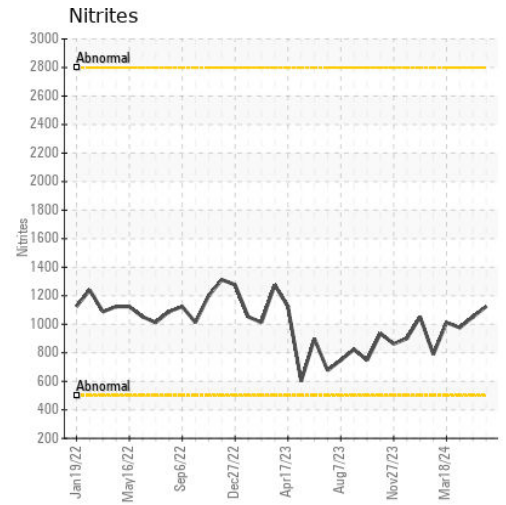
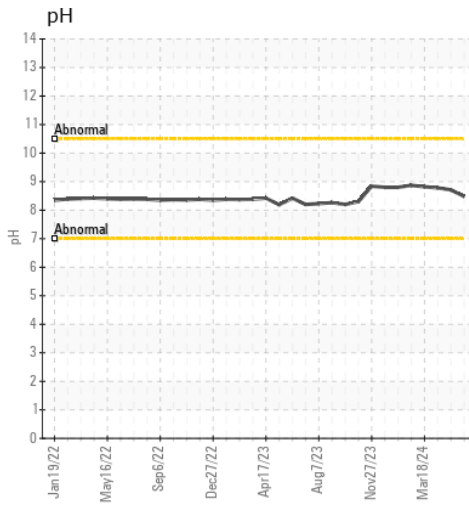
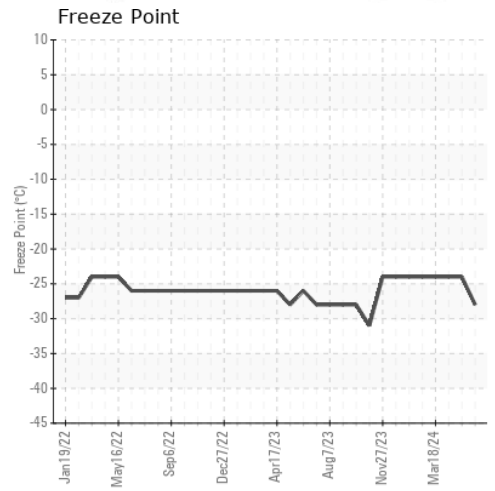
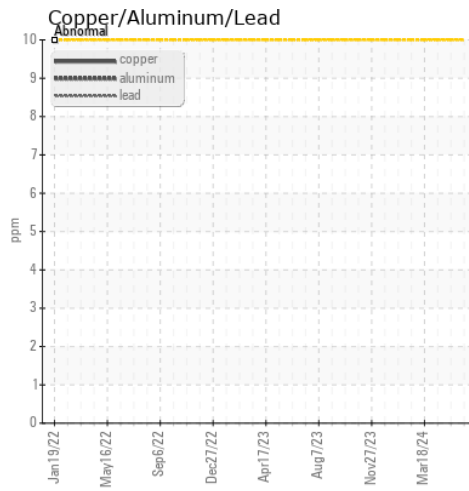
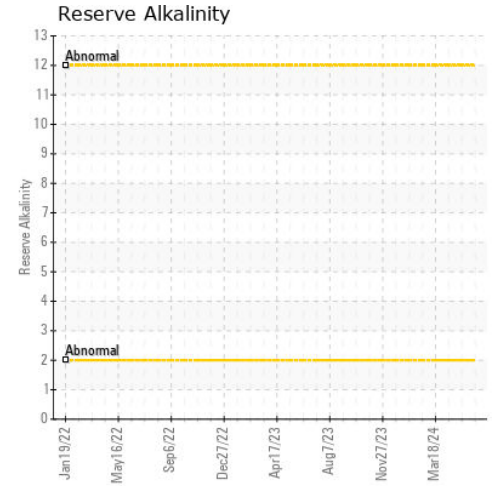
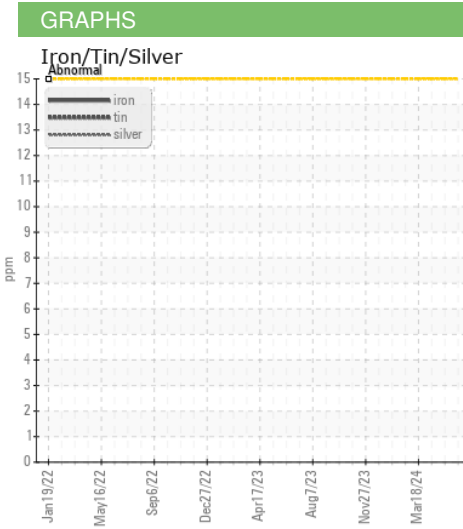
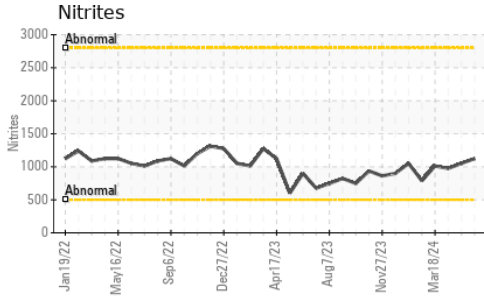
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.064</b>	1.061	1.061
pH	Scale 0-14	ASTM D1287	<b>8.48</b>	8.71	8.78
Nitrites	ppm	AP-053:2009	<b>1124</b>	1052	976
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	<b>47.3</b>	45.0	45.0
Freezing Point	°F	ASTM D3321	<b>-28</b>	-24	-24
Total Dissolved Solids			<b>273.0</b>	188.5	237.0
Carboxylate			<b>n/a</b>	n/a	n/a

### VISUAL

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



# COOLANT REPORT



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0897541 **Received** : 12 Jun 2024  
**Lab Number** : 06208251 **Tested** : 13 Jun 2024  
**Unique Number** : 11075712 **Diagnosed** : 14 Jun 2024 - Angela Borella  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**ONSLow**  
 465 MEADOWVIEW RD  
 JACKSONVILLE, NC  
 US 28540

Contact: THOMAS BURTON  
 thomas.burton@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: