

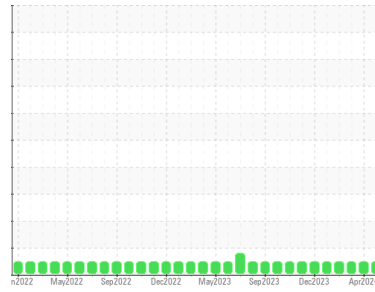


# COOLANT REPORT



Machine Id  
**CATERPILLAR GM01 (S/N LGS00177)**  
 Component  
**Jacket Water Coolant**  
 Fluid  
**EXTENDED LIFE COOLANT (290 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>WC0897538</b>	WC0897536	WC0897534
Sample Date	Client Info		<b>13 May 2024</b>	15 Apr 2024	18 Mar 2024
Machine Age	hrs	Client Info	<b>80060</b>	79397	78738
Oil Age	hrs	Client Info	<b>23185</b>	22522	21863
Oil Changed	Client Info		<b>Not Changed</b>	Not Changd	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

### PHYSICAL TEST RESULTS

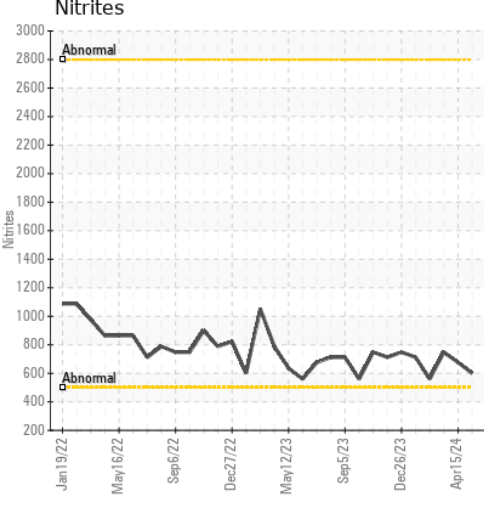
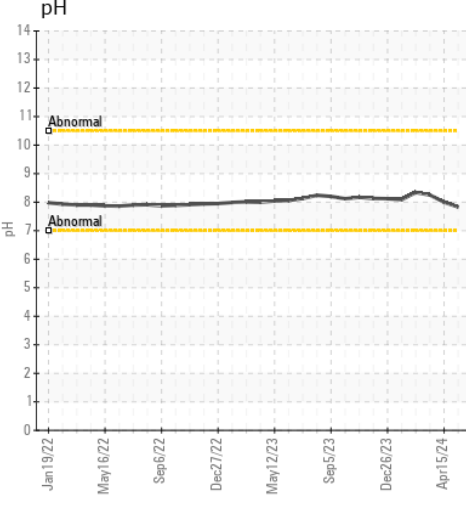
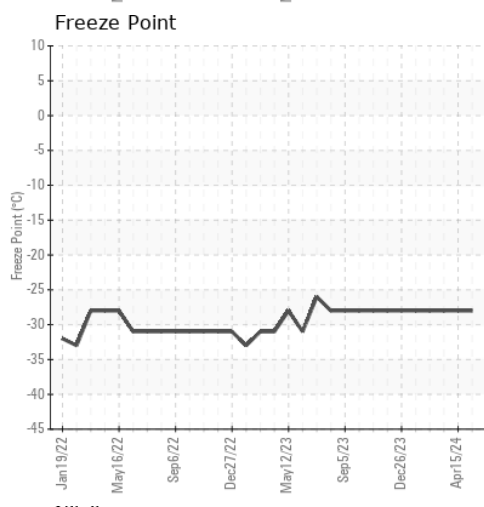
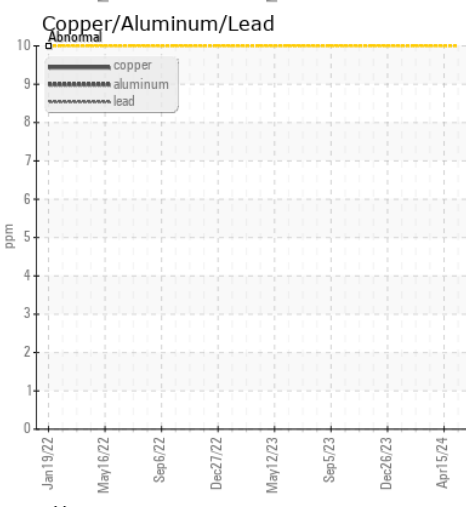
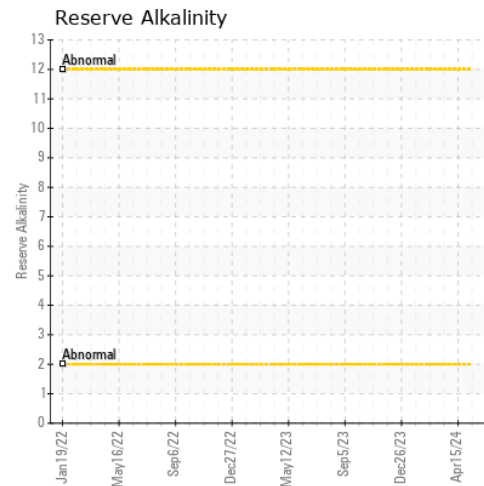
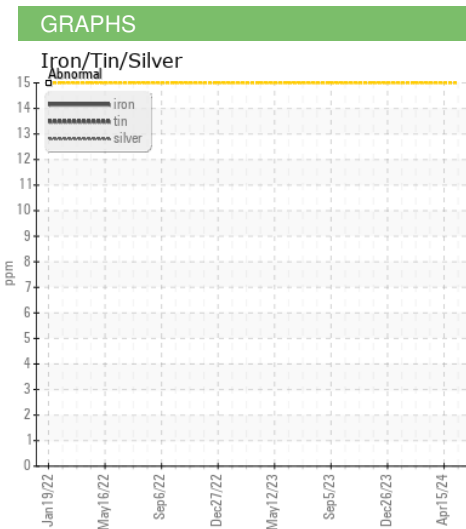
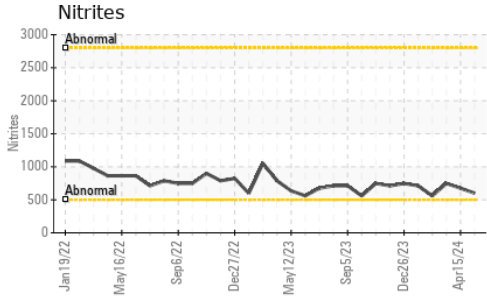
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.064</b>	1.064	1.064
pH	Scale 0-14	ASTM D1287	<b>7.83</b>	8.00	8.25
Nitrites	ppm	AP-053:2009	<b>600</b>	676	748
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	<b>47.7</b>	47.6	47.2
Freezing Point	°F	ASTM D3321	<b>-28</b>	-28	-28
Total Dissolved Solids			<b>232.0</b>	25315	214.0
Carboxylate			<b>n/a</b>	n/a	n/a

### VISUAL

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



# COOLANT REPORT



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0897538  
**Lab Number** : 06179672  
**Unique Number** : 11030998  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )  
**Received** : 14 May 2024  
**Tested** : 17 May 2024  
**Diagnosed** : 17 May 2024 - Jonathan Hester

**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)