



# COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>



Machine Id  
**CATERPILLAR GM01**  
Component  
**Jacket Water Coolant**  
Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0870571</b>	WC0870505	WC0836366
Sample Date		Client Info		<b>10 Jan 2024</b>	25 Oct 2023	18 Oct 2023
Machine Age	hrs	Client Info		<b>0</b>	23697	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>NORMAL</b>	ABNORMAL	ABNORMAL

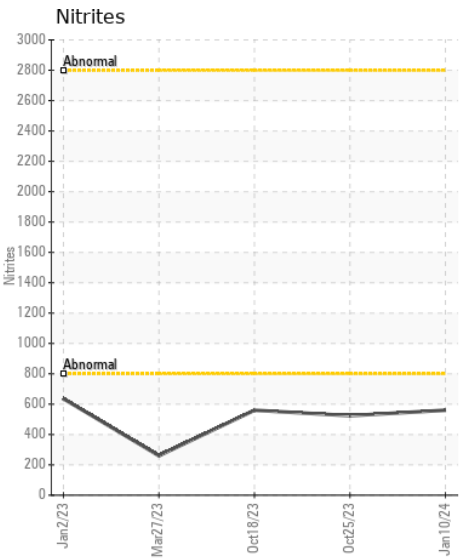
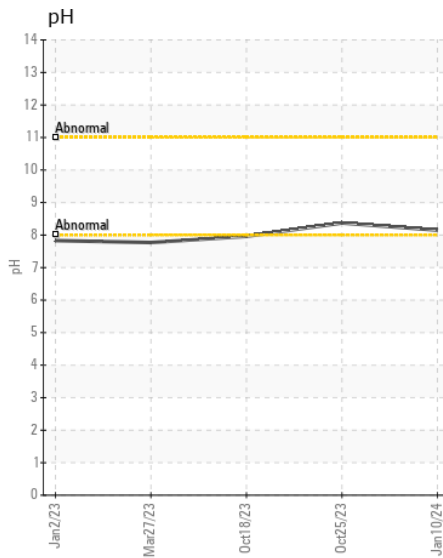
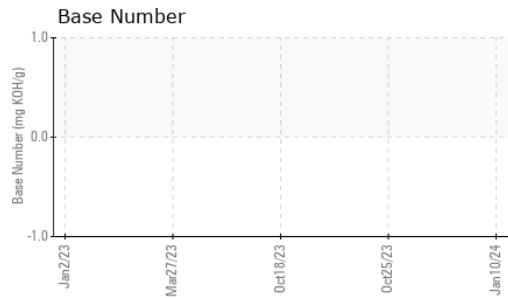
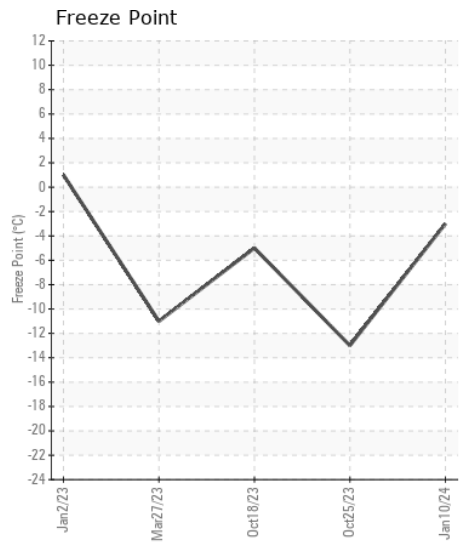
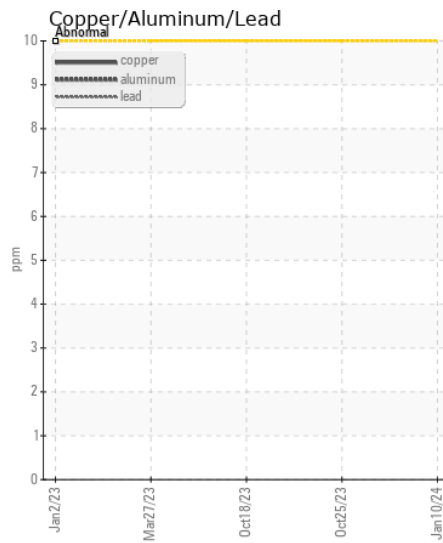
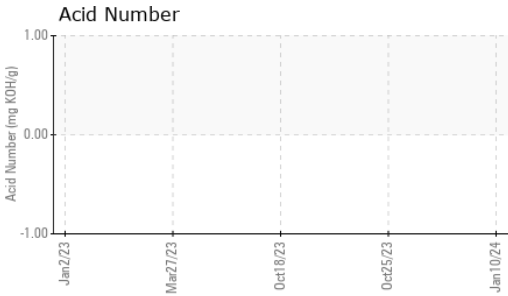
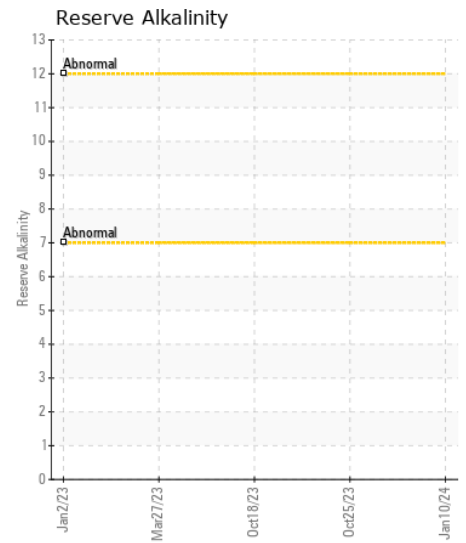
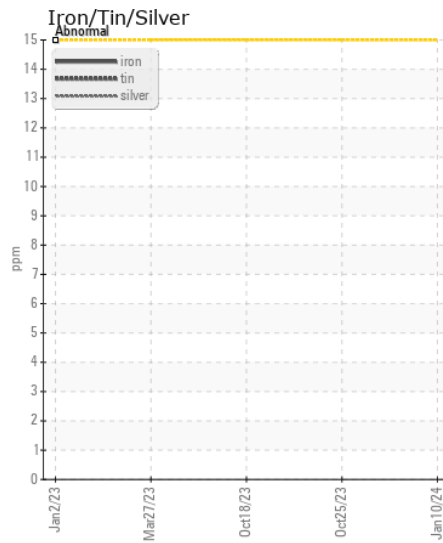
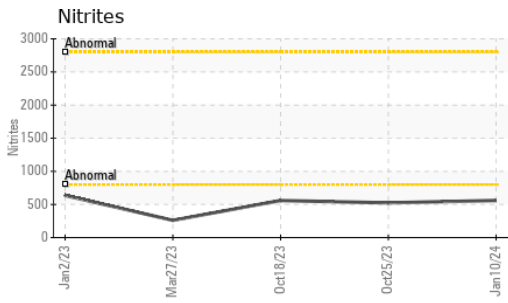
## CORROSION

Total Dissolved Solids				<b>275.0</b>	213.5	201.5
Coolant Appearance		*Visual	Clear	<b>normal</b>	▲ sediment	▲ sediment

## CONTAMINANTS

There is no indication of any contamination in the coolant.

Specific Gravity		*ASTM D1298		<b>1.048</b>	1.055	1.049
pH	Scale 0-14	ASTM D1287		<b>8.15</b>	8.37	7.96
Nitrites	ppm	AP-053:2009		<b>560</b>	524	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>35.8</b>	40.7	▲ 36.0
Freezing Point	°F	ASTM D3321		<b>-3</b>	-13	-5
Carboxylate				<b>n/a</b>	fail	n/a
Coolant Color		*Visual		<b>Pink</b>	Pink	Purpl



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0870571 **Received** : 12 Jan 2024  
**Lab Number** : 06060532 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10831914 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, TAN Man, TBN )

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)

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