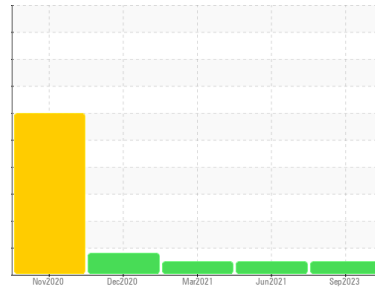




# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**OKLAHOMA/102/EG - OTHER SERVICE**  
 Machine Id  
**54.28L [OKLAHOMA^102^EG - OTHER SERVICE]**

Component  
**Coolant**  
 Fluid  
**CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)**

## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

The carboxylate level of this fluid is acceptable. The glycol level is 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>WC0848879</b>	WC0590132	WC0562766
Sample Date	Client Info		<b>14 Sep 2023</b>	07 Jun 2021	11 Mar 2021
Machine Age	hrs	Client Info	<b>2377</b>	715	396
Oil Age	hrs	Client Info	<b>500</b>	715	396
Oil Changed	Client Info		<b>Not Chngd</b>	Changed	Not Chngd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.067</b>	---	---
pH	Scale 0-14 ASTM D1287		<b>7.92</b>	8.77	8.05
Nitrites	ppm AP-053:2009		<b>260</b>	300	560
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>49.9</b>	50	50
Freezing Point	°F ASTM D3321		<b>-33</b>	-37	-37
Total Dissolved Solids			<b>335.5</b>	379.5	419.5
Carboxylate			<b>pass</b>	pass	pass

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	0	<b>17</b>	20	27
Phosphorus	ppm ASTM D6130	0	<b>0</b>	6	6
Boron	ppm ASTM D6130	0	<b>45</b>	375	393
Molybdenum	ppm ASTM D6130	950	<b>1045</b>	596	832

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	<b>&lt;1</b>	2	2
Aluminum	ppm ASTM D6130	>10	<b>4</b>	6	11
Copper	ppm ASTM D6130	>10	<b>2</b>	<1	<1
Lead	ppm ASTM D6130	>10	<b>&lt;1</b>	<1	<1
Tin	ppm ASTM D6130	>10	<b>0</b>	<1	<1
Zinc	ppm ASTM D6130		<b>1</b>	<1	2

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>77</b>	21	22

## CARRIER SALTS

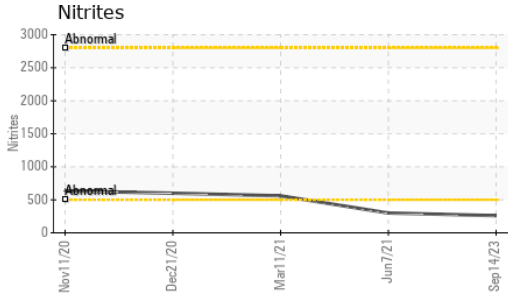
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>5888</b>	3127	3494
Potassium	ppm ASTM D6130		<b>144</b>	166	181

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>4</b>	<1	2
Magnesium	ppm ASTM D6130		<b>2</b>	<1	4

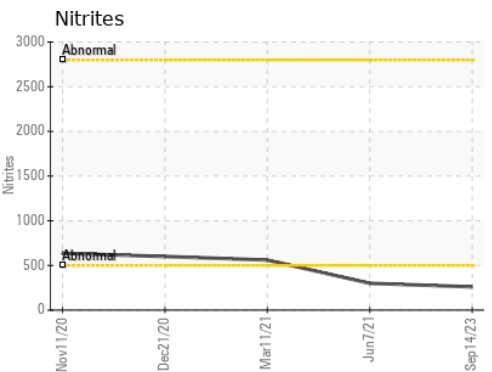
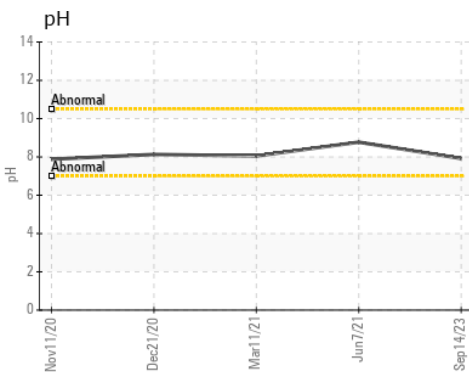
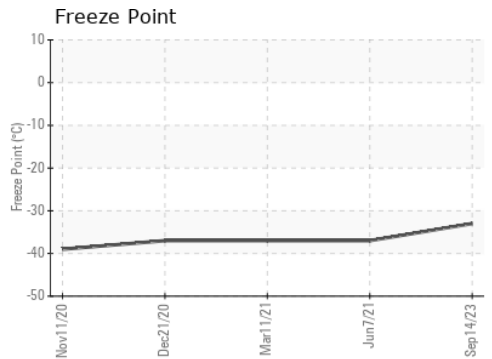
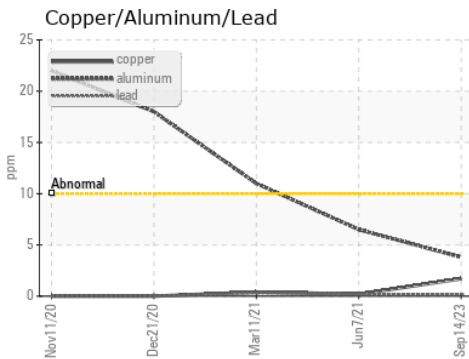
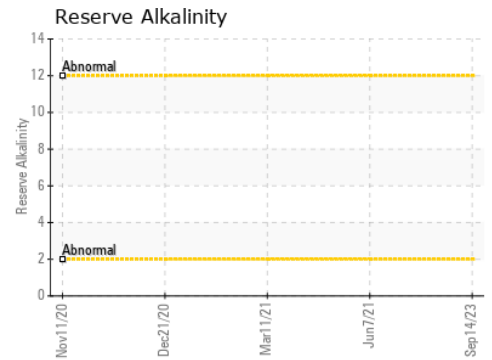
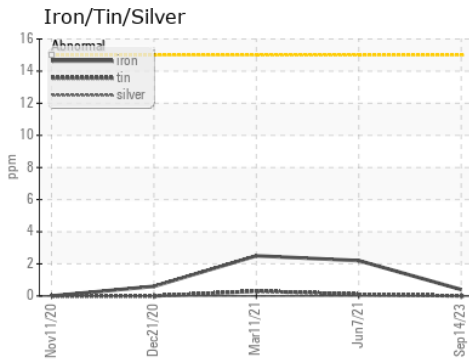


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Pink	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848879 **Received** : 22 Sep 2023  
**Lab Number** : 05958884 **Diagnosed** : 26 Sep 2023  
**Unique Number** : 10660097 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

**SHERWOOD CONSTRUCTION CO INC**  
 3219 WEST MAY ST  
 WICHITA, KS  
 US 67213  
 Contact: DOUG KING  
 doug.king@sherwood.net  
 T: (316)617-3161  
 F: x:

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)