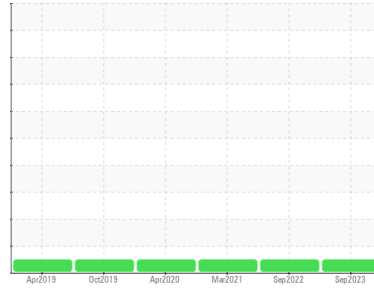




# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**OKLAHOMA/102/EG - ROLLER/COMPACTOR**  
 Machine Id  
**63.95 [OKLAHOMA^102^EG - ROLLER/COMPACTOR]**  
 Component  
**Coolant**  
 Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. 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

Carboxylate test failed. 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>WC0848970</b>	WC0741154	WC0552132
Sample Date	Client Info		<b>20 Sep 2023</b>	14 Sep 2022	17 Mar 2021
Machine Age	hrs	Client Info	<b>12507</b>	11506	10730
Oil Age	hrs	Client Info	<b>1000</b>	1000	1000
Oil Changed		Client Info	<b>N/A</b>	Not Changd	Not Changd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.069</b>	1.069	---
pH	Scale 0-14 ASTM D1287		<b>7.54</b>	7.82	7.92
Nitrites	ppm AP-053:2009		<b>600</b>	488	600
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>51.0</b>	51.0	50
Freezing Point	°F ASTM D3321		<b>-38</b>	-38	-39
Total Dissolved Solids			<b>355.5</b>	345.5	375.5
Carboxylate			<b>fail</b>	pass	pass

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>14</b>	22	15
Phosphorus	ppm ASTM D6130		<b>0</b>	0	<1
Boron	ppm ASTM D6130		<b>4</b>	<1	<1
Molybdenum	ppm ASTM D6130		<b>932</b>	1112	1200

## CORROSION

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

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>21</b>	29	42

## CARRIER SALTS

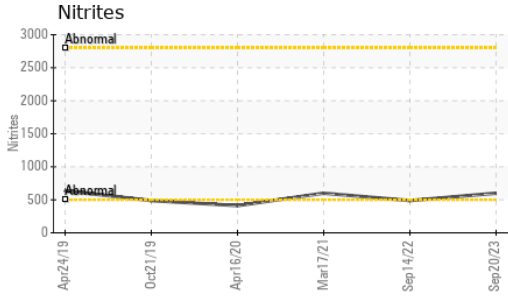
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>5364</b>	2794	3520
Potassium	ppm ASTM D6130		<b>41</b>	38	42

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>3</b>	3	3
Magnesium	ppm ASTM D6130		<b>5</b>	5	5

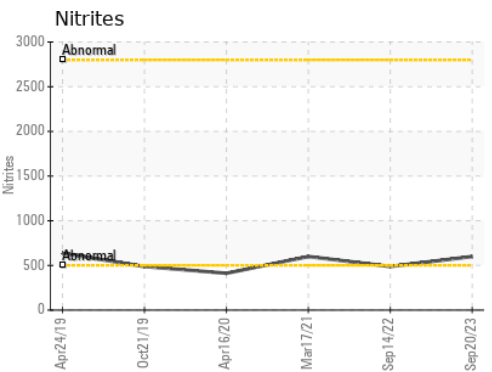
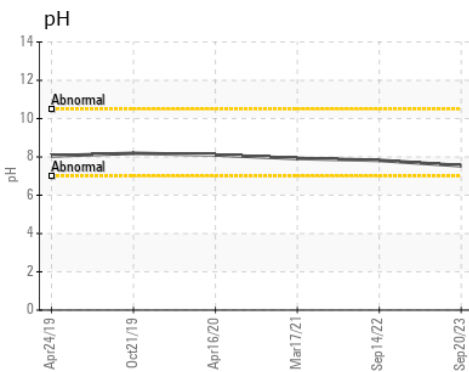
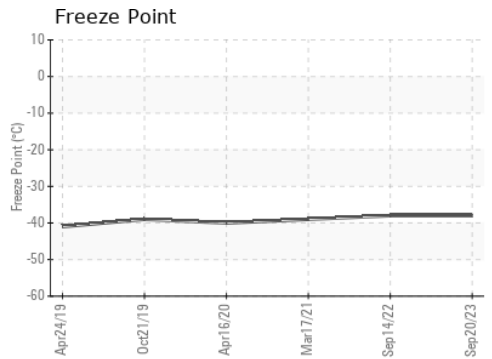
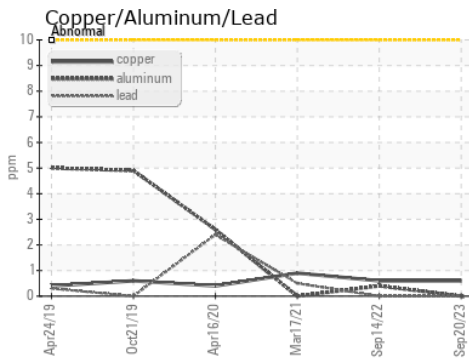
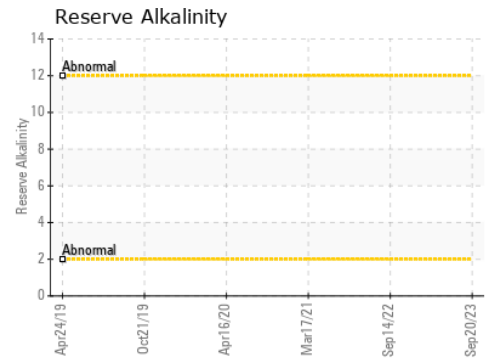
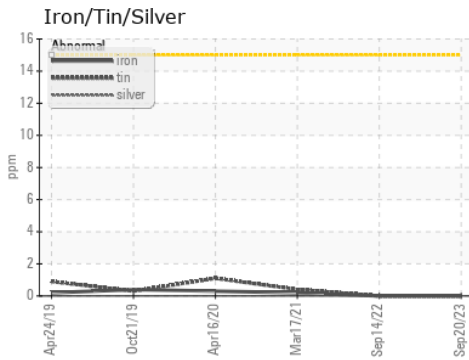


# COOLANT REPORT



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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848970 **Received** : 27 Sep 2023  
**Lab Number** : 05962619 **Diagnosed** : 03 Oct 2023  
**Unique Number** : 10669170 **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)