



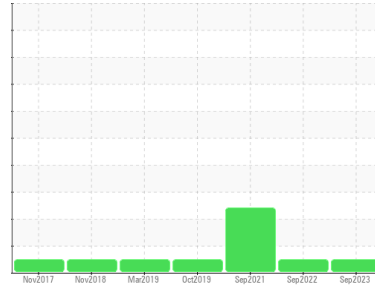
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**OKLAHOMA/102/EG - ROLLER/COMPACTOR**  
 Machine Id  
**64.21L [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. 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>WC0848876</b>	WC0738595	WC0622904
Sample Date	Client Info		<b>14 Sep 2023</b>	14 Sep 2022	23 Sep 2021
Machine Age	hrs	Client Info	<b>2611</b>	2204	1728
Oil Age	hrs	Client Info	<b>500</b>	2204	9637
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.067</b>	1.066	---
pH	Scale 0-14 ASTM D1287		<b>7.95</b>	8.06	8.32
Nitrites	ppm AP-053:2009		<b>524</b>	448	488
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>49.2</b>	49.1	49
Freezing Point	°F ASTM D3321		<b>-33</b>	-33	-35
Total Dissolved Solids			<b>303.5</b>	350.5	369.5
Carboxylate			<b>fail</b>	pass	pass

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>30</b>	30	42
Phosphorus	ppm ASTM D6130		<b>15</b>	9	1
Boron	ppm ASTM D6130		<b>22</b>	17	0
Molybdenum	ppm ASTM D6130		<b>1010</b>	1111	1043

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	<b>&lt;1</b>	0	▲ 33
Aluminum	ppm ASTM D6130	>10	<b>&lt;1</b>	0	▲ 36
Copper	ppm ASTM D6130	>10	<b>&lt;1</b>	<1	▲ 12
Lead	ppm ASTM D6130	>10	<b>&lt;1</b>	<1	<1
Tin	ppm ASTM D6130	>10	<b>&lt;1</b>	<1	0
Zinc	ppm ASTM D6130		<b>&lt;1</b>	<1	10

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>15</b>	6	24

## CARRIER SALTS

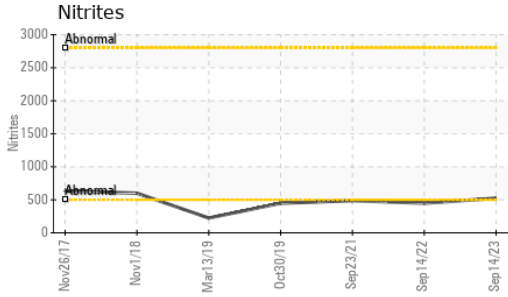
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>5526</b>	3082	3498
Potassium	ppm ASTM D6130		<b>333</b>	181	20


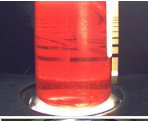


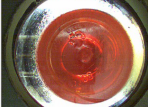

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>3</b>	2	4
Magnesium	ppm ASTM D6130		<b>1</b>	<1	4

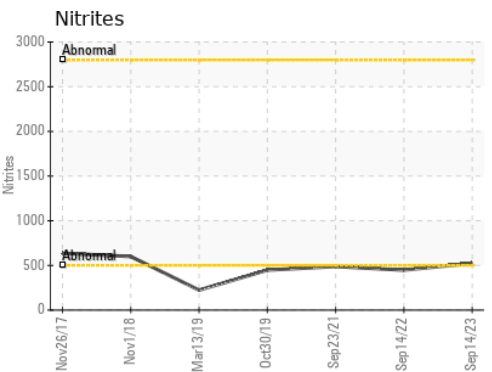
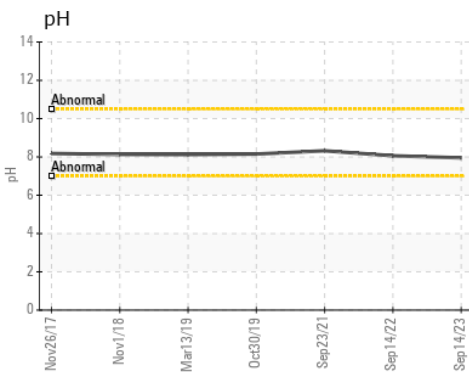
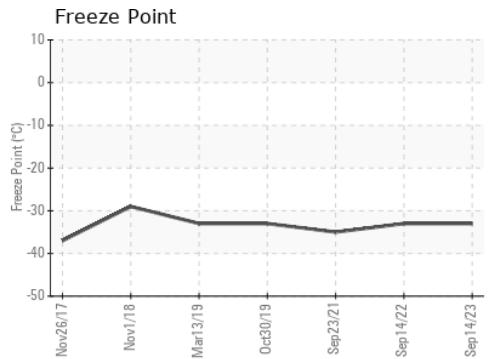
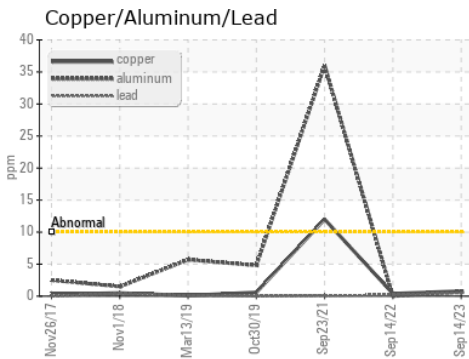
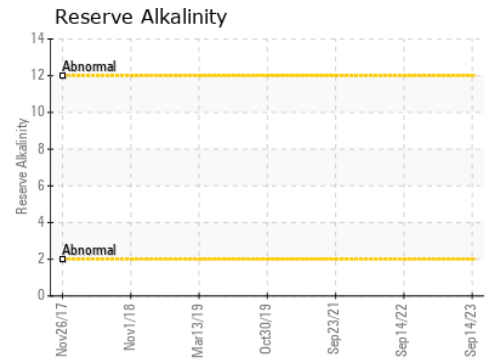
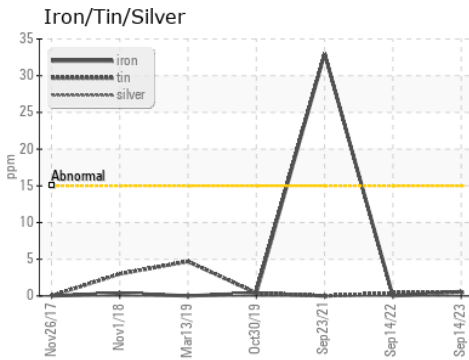


# COOLANT REPORT



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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848876      **Received** : 22 Sep 2023  
**Lab Number** : 05958907      **Diagnosed** : 26 Sep 2023  
**Unique Number** : 10660120      **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

**SHERWOOD CONSTRUCTION CO INC**  
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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)