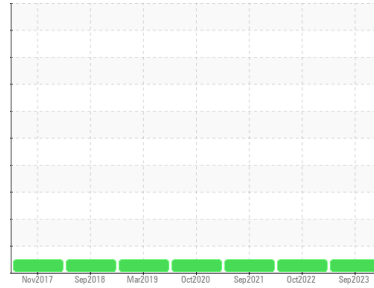




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**OKLAHOMA/102/EG - PAVING EQUIPMENT**  
 Machine Id  
**87.250 Drag Conv Drive [OKLAHOMA^102^EG - PAVING EQUIPMENT]**  
 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

Appearance is hazy. 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>WC0848896</b>	WC0746212	WC0622742
Sample Date	Client Info		<b>19 Sep 2023</b>	21 Oct 2022	16 Sep 2021
Machine Age	hrs	Client Info	<b>3172</b>	2790	2470
Oil Age	hrs	Client Info	<b>3172</b>	2790	1000
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	Not Chngd
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.072</b>	1.073	---
pH	Scale 0-14 ASTM D1287		<b>7.26</b>	7.26	7.32
Nitrites	ppm AP-053:2009		<b>336</b>	676	300
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>53.8</b>	54.6	55
Freezing Point	°F ASTM D3321		<b>-43</b>	-45	-52
Total Dissolved Solids			<b>368.5</b>	350.5	402.0
Carboxylate			<b>fail</b>	pass	fail

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>14</b>	15	24
Phosphorus	ppm ASTM D6130		<b>0</b>	0	7
Boron	ppm ASTM D6130		<b>426</b>	596	654
Molybdenum	ppm ASTM D6130		<b>250</b>	189	123

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	<b>&lt;1</b>	0	0
Aluminum	ppm ASTM D6130	>10	<b>2</b>	3	3
Copper	ppm ASTM D6130	>10	<b>8</b>	9	13
Lead	ppm ASTM D6130	>10	<b>0</b>	0	0
Tin	ppm ASTM D6130	>10	<b>0</b>	0	0
Zinc	ppm ASTM D6130		<b>8</b>	15	12

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>11</b>	27	36

## CARRIER SALTS

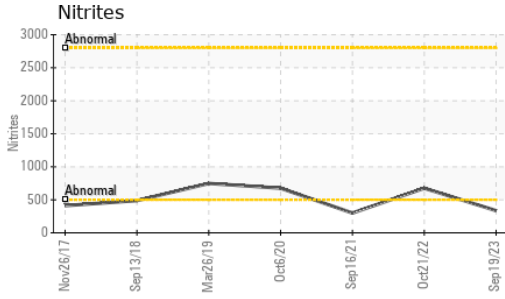
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>5290</b>	4947	3249
Potassium	ppm ASTM D6130		<b>167</b>	245	100

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>12</b>	24	23
Magnesium	ppm ASTM D6130		<b>5</b>	7	7

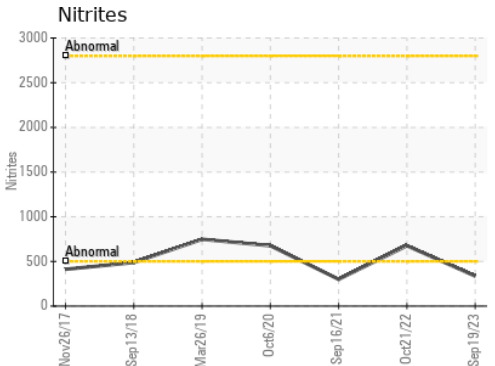
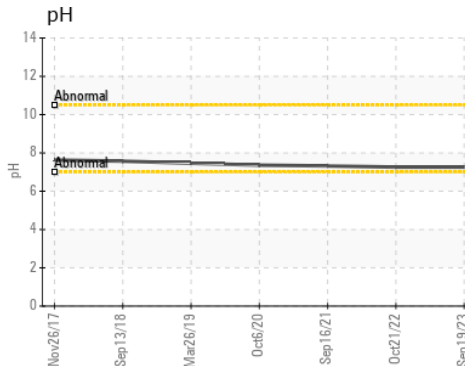
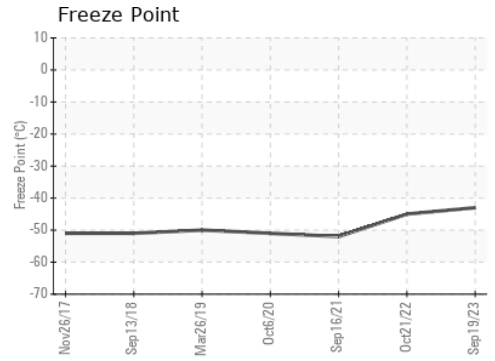
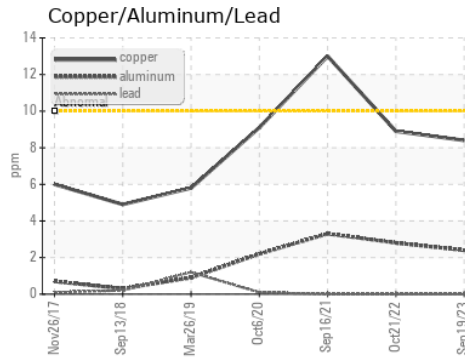
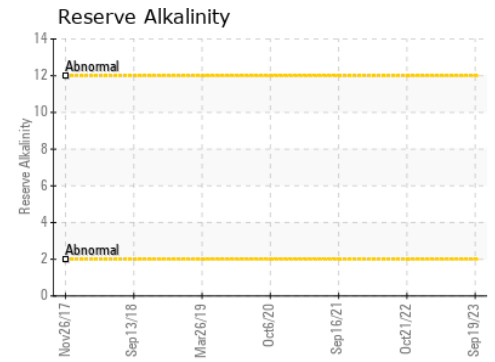
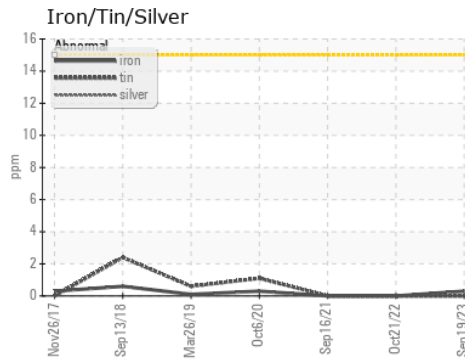


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848896 **Received** : 25 Sep 2023  
**Lab Number** : 05960267 **Diagnosed** : 27 Sep 2023  
**Unique Number** : 10661480 **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)