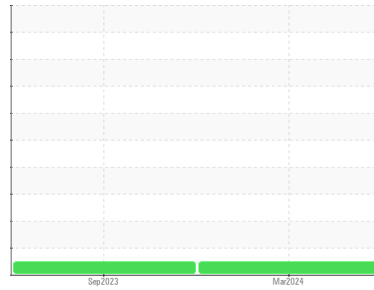




# COOLANT REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**53.178** []  
 Component  
**Coolant**  
 Fluid  
 {not provided} (--- 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 pH level of this fluid is within the acceptable limits. Glycol and nitrite levels are acceptable.

### SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0886889</b>	WC05964942	---
Sample Date	Client Info		<b>27 Mar 2024</b>	22 Sep 2023	---
Machine Age	hrs	Client Info	<b>220</b>	0	---
Oil Age	hrs	Client Info	<b>220</b>	0	---
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

### PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.067</b>	1.067	---
pH	Scale 0-14	ASTM D1287	<b>8.03</b>	8.18	---
Nitrites	ppm	AP-053:2009	<b>788</b>	600	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	<b>49.7</b>	49.2	---
Freezing Point	°F	ASTM D3321	<b>-33</b>	-33	---
Total Dissolved Solids			<b>353.5</b>	360.0	---
Carboxylate			<b>fail</b>	fail	---

### CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	<b>7</b>	9	---
Phosphorus	ppm	ASTM D6130	<b>35</b>	<1	---
Boron	ppm	ASTM D6130	<b>0</b>	10	---
Molybdenum	ppm	ASTM D6130	<b>572</b>	547	---

### CORROSION

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

### CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		<b>25</b>	13	---

### CARRIER SALTS

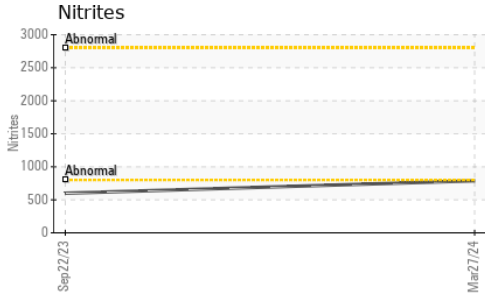
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		<b>3839</b>	3491	---
Potassium	ppm	ASTM D6130		<b>629</b>	33	---





### SCALE POTENTIAL

	method	limit/base	current	history1	history2	
Calcium	ppm	ASTM D6130		<b>0</b>	2	---
Magnesium	ppm	ASTM D6130		<b>&lt;1</b>	<1	---

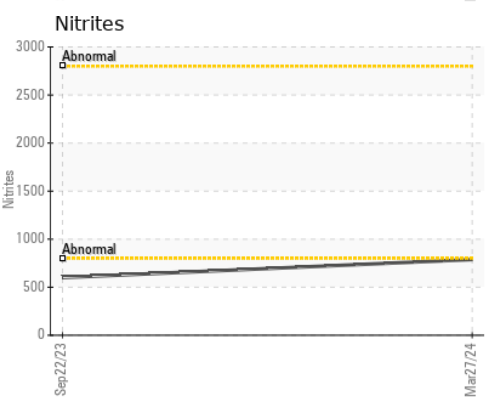
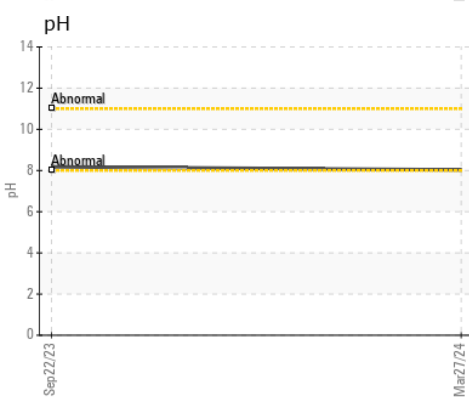
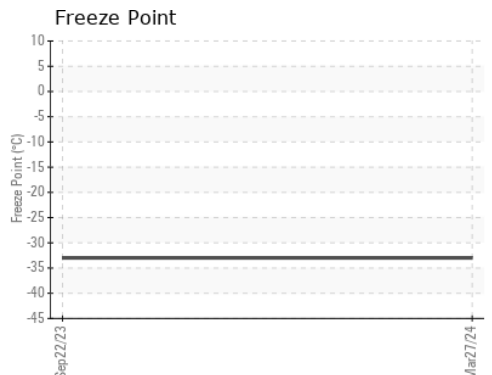
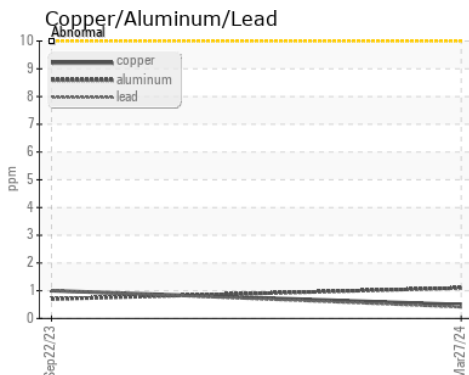
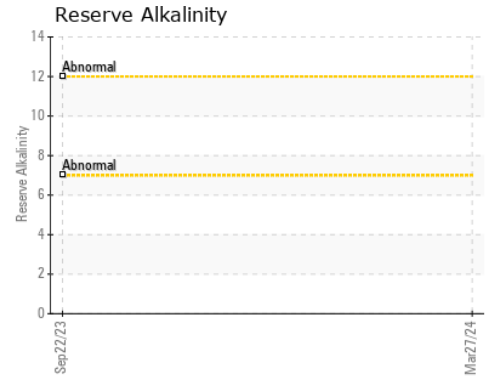
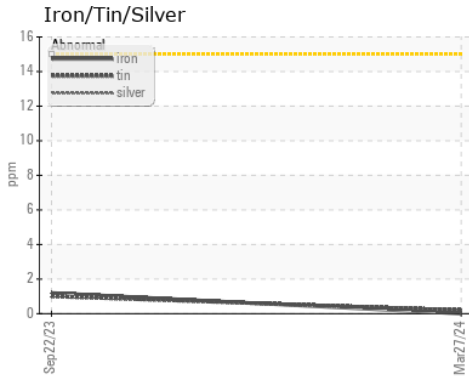


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	---
Coolant Appearance	*Visual	Clear	normal	normal	---
Color					no image
Bottom					no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0886889 **Received** : 05 Apr 2024  
**Lab Number** : 06140442 **Tested** : 10 Apr 2024  
**Unique Number** : 10965250 **Diagnosed** : 10 Apr 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

**SHERWOOD CONSTRUCTION CO INC**  
 3219 WEST MAY ST  
 WICHITA, KS  
 US 67213  
 Contact: BILL ORCUTT  
 william.orcutt@wildcat.net

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)