



# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area

**EG - SKID STEER**

Machine Id

**53.176L [EG - SKID STEER]**

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 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>WC0908774</b>	---	---
Sample Date	Client Info			<b>01 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed	Client Info			<b>Not Chngd</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			<b>1.067</b>	---	---
pH	Scale 0-14	ASTM D1287		<b>7.52</b>	---	---
Nitrites	ppm	AP-053:2009		<b>524</b>	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		<b>49.7</b>	---	---
Freezing Point	°F	ASTM D3321		<b>-33</b>	---	---
Total Dissolved Solids				<b>371.5</b>	---	---
Carboxylate				<b>fail</b>	---	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		<b>4</b>	---	---
Phosphorus	ppm	ASTM D6130		<b>11</b>	---	---
Boron	ppm	ASTM D6130		<b>0</b>	---	---
Molybdenum	ppm	ASTM D6130		<b>579</b>	---	---

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

CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>30</b>	---	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>3660</b>	---	---
Potassium	ppm	ASTM D6130		<b>838</b>	---	---

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

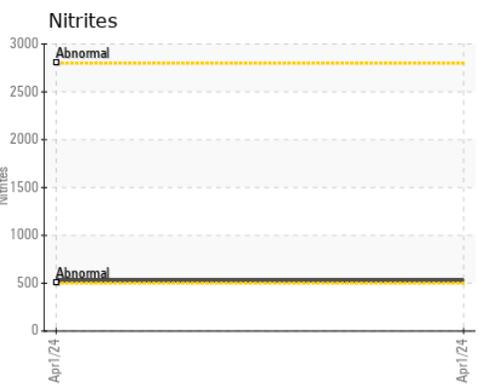
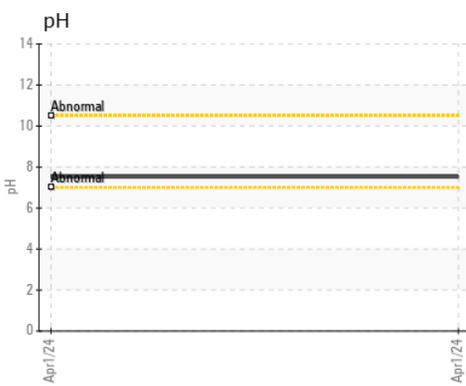
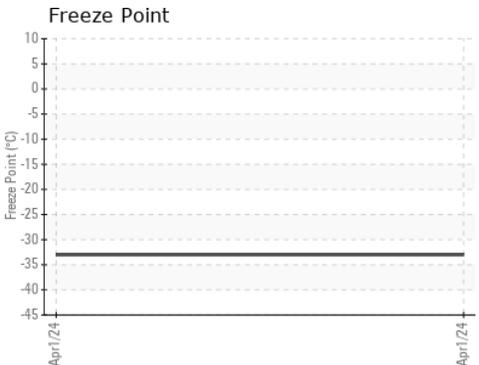
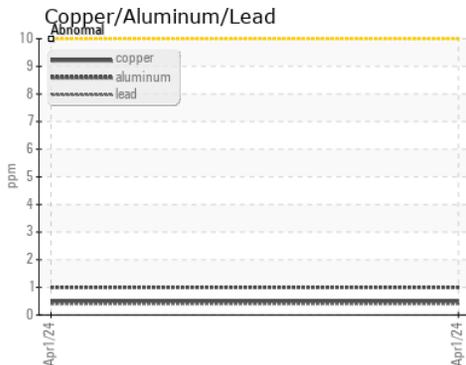
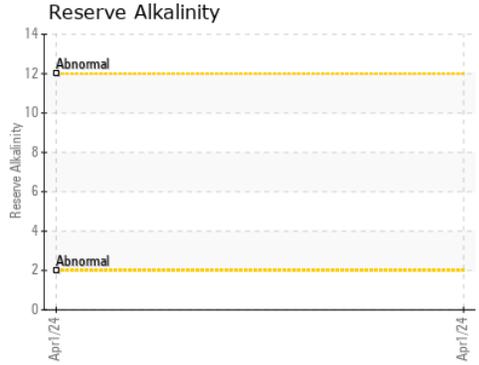
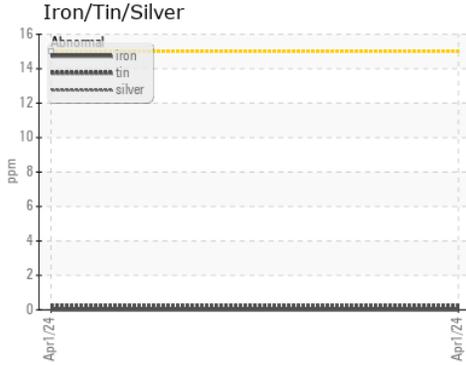


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0908774      **Received** : 05 Apr 2024  
**Lab Number** : 06140443      **Tested** : 10 Apr 2024  
**Unique Number** : 10965251      **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)

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F: