



# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**COLORADO/443/SKIDSTEER**  
 Machine Id  
**53.183L [COLORADO^443^SKIDSTEER]**  
 Component  
**Radiator Coolant**  
 Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Wear

All metal levels are normal indicating no corrosion in the cooling system.

### Contamination

There is no indication of any contamination in the coolant.

### Fluid Condition

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>WC0862635</b>	---	---
Sample Date	Client Info		<b>23 Oct 2023</b>	---	---
Machine Age	hrs	Client Info	<b>4</b>	---	---
Oil Age	hrs	Client Info	<b>4</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.067</b>	---	---
pH	Scale 0-14 ASTM D1287		<b>8.36</b>	---	---
Nitrites	ppm AP-053:2009		<b>676</b>	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>49.2</b>	---	---
Freezing Point	°F ASTM D3321		<b>-33</b>	---	---
Total Dissolved Solids			<b>304.5</b>	---	---
Carboxylate			<b>fail</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>6</b>	---	---
Phosphorus	ppm ASTM D6130		<b>57</b>	---	---
Boron	ppm ASTM D6130		<b>0</b>	---	---
Molybdenum	ppm ASTM D6130		<b>571</b>	---	---

## CORROSION

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

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>20</b>	---	---

## CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>3837</b>	---	---
Potassium	ppm ASTM D6130		<b>287</b>	---	---



## SCALE POTENTIAL

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

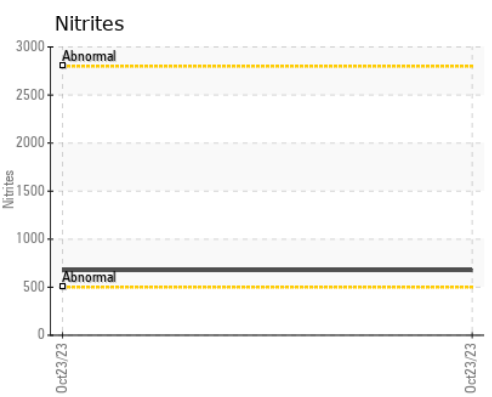
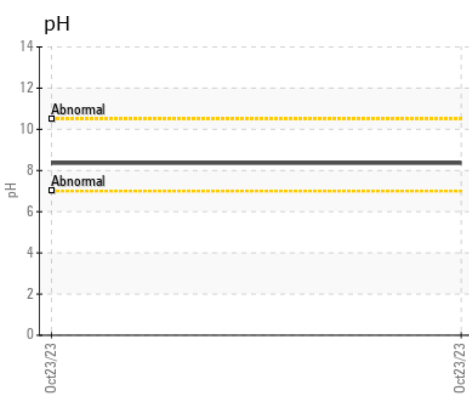
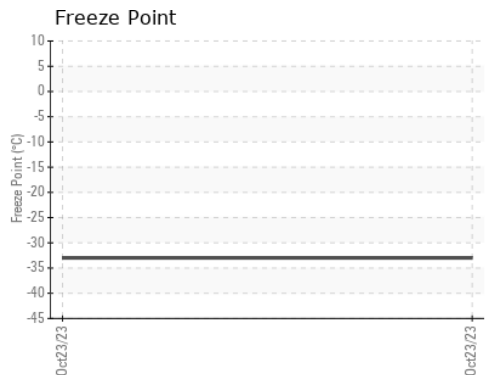
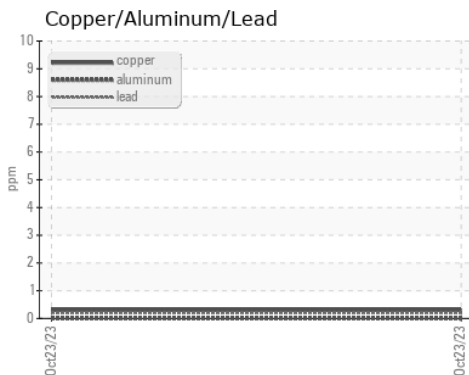
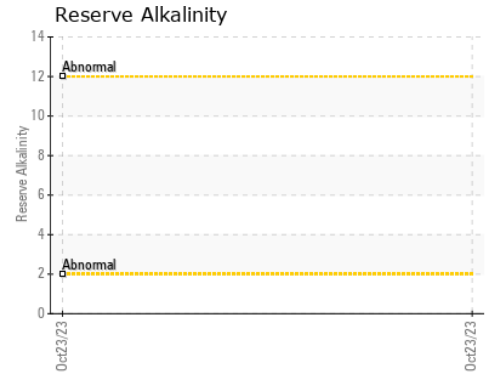
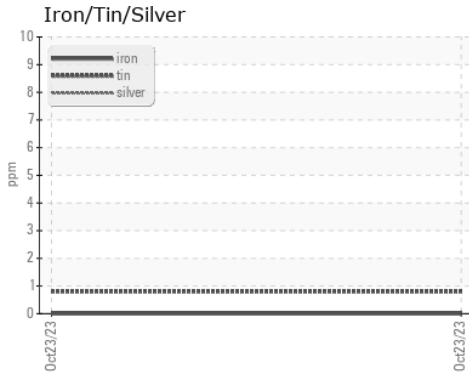


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0862635      **Received** : 31 Oct 2023  
**Lab Number** : 05994858      **Diagnosed** : 03 Nov 2023  
**Unique Number** : 10723218      **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, 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: