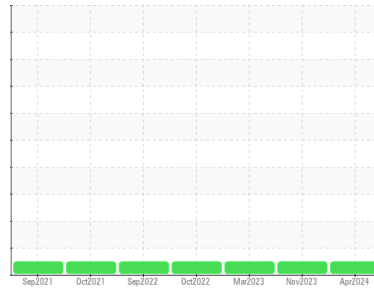




# COOLANT REPORT

### Sample Rating Trend



**NORMAL**



Area

**COLORADO/443**

Machine Id

**45.49L [COLORADO^443]**

Component

**Radiator Coolant**

Fluid

**CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)**

### DIAGNOSIS

#### Recommendation

No corrective action is recommended at this time. 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

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>WC0883934</b>	WC0859605	WC0766208
Sample Date	Client Info			<b>03 Apr 2024</b>	20 Nov 2023	10 Mar 2023
Machine Age	hrs	Client Info		<b>16323</b>	15989	15516
Oil Age	hrs	Client Info		<b>16323</b>	15989	15516
Oil Changed		Client Info		<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			<b>NEG</b>	NEG	NEG

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			<b>---</b>	---	---
Specific Gravity	Scale 0-14	*ASTM D1298		<b>1.067</b>	1.067	1.066
pH	Scale 0-14	ASTM D1287		<b>8.59</b>	8.65	8.70
Nitrites	ppm	AP-053:2009		<b>1012</b>	864	1012
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>49.3</b>	49.2	48.8
Freezing Point	°F	ASTM D3321		<b>-33</b>	-33	-31
Total Dissolved Solids				<b>334.5</b>	372.0	396.0
Carboxylate				<b>fail</b>	pass	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	<b>&lt;1</b>	<1	21
Phosphorus	ppm	ASTM D6130	0	<b>0</b>	4	4
Boron	ppm	ASTM D6130	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D6130	950	<b>692</b>	609	1200

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130		<b>0</b>	0	0
Aluminum	ppm	ASTM D6130		<b>1</b>	<1	<1
Copper	ppm	ASTM D6130		<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D6130		<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D6130		<b>&lt;1</b>	2	<1
Zinc	ppm	ASTM D6130		<b>0</b>	1	<1

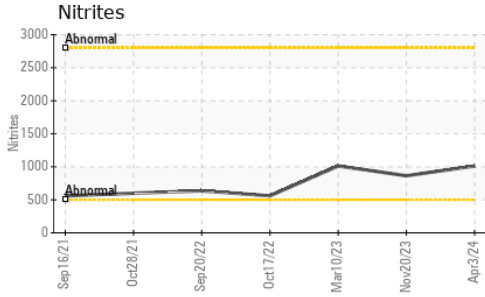
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>5</b>	11	4

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>4596</b>	3774	6545
Potassium	ppm	ASTM D6130		<b>377</b>	324	835

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

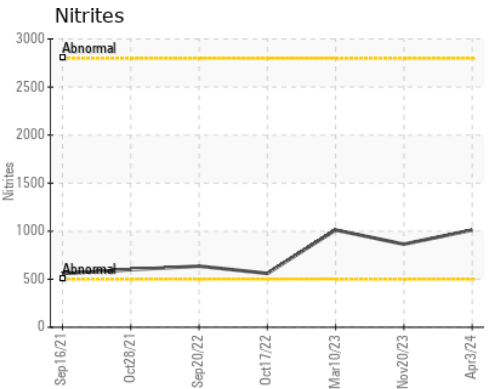
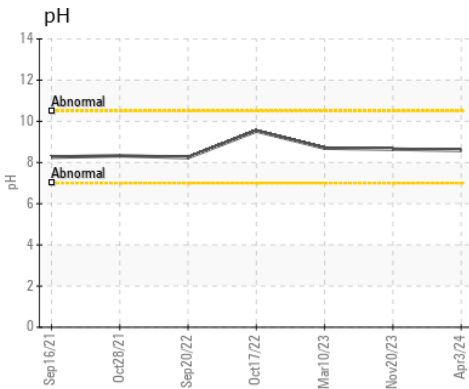
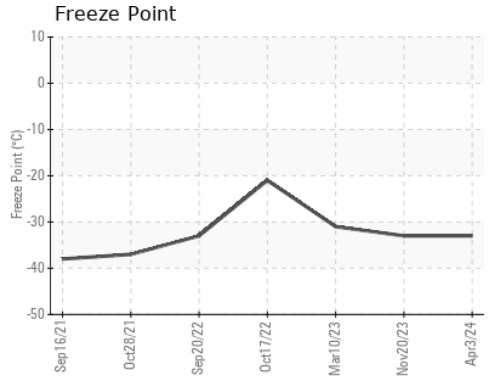
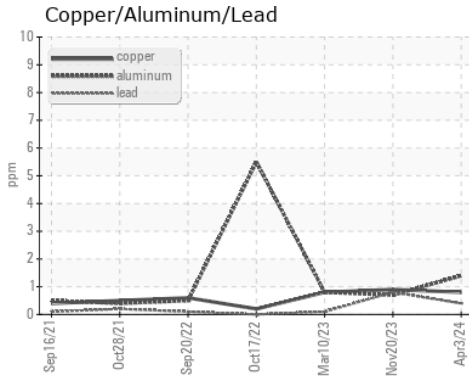
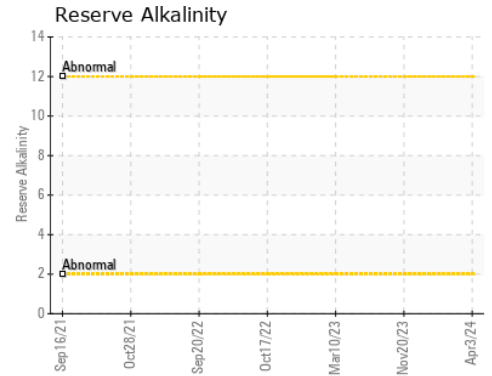
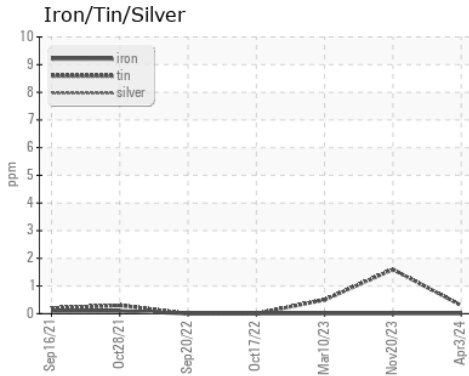


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0883934  
**Lab Number** : 06142668  
**Unique Number** : 10967476  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )  
**Received** : 08 Apr 2024  
**Tested** : 11 Apr 2024  
**Diagnosed** : 11 Apr 2024 - Jonathan Hester

**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)

T:  
F: