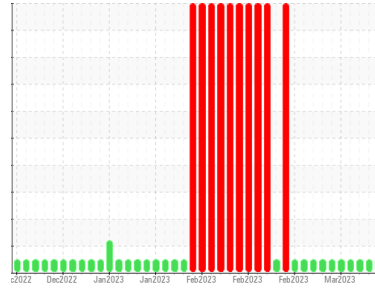




# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**WCLSNC**  
 Machine Id  
**QC COOL ELC NC 09012022**  
 Component  
**Coolant**  
 Fluid  
**CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)**

## DIAGNOSIS

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0796875</b>	WC0796874	WC0796873
Sample Date	Client Info			<b>09 Mar 2023</b>	08 Mar 2023	07 Mar 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		<b>1.067</b>	1.067	1.067
pH	Scale 0-14	ASTM D1287		<b>8.21</b>	8.21	8.18
Nitrites	ppm	AP-053:2009		<b>712</b>	712	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>49.7</b>	49.7	50.0
Freezing Point	°F	ASTM D3321		<b>-33</b>	-33	-35
Total Dissolved Solids				<b>543.5</b>	406.5	401.5
Carboxylate				<b>pass</b>	pass	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	<b>16</b>	17	10
Phosphorus	ppm	ASTM D6130	0	<b>0</b>	0	0
Boron	ppm	ASTM D6130	0	<b>0</b>	2	0
Molybdenum	ppm	ASTM D6130	950	<b>1056</b>	1137	980

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

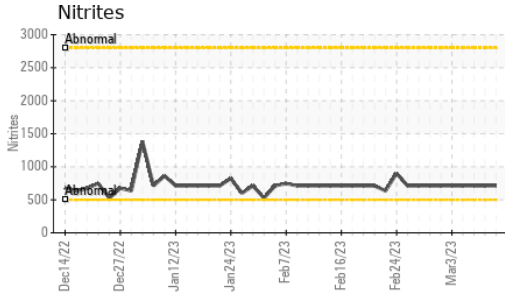
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>27</b>	24	17

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>5673</b>	5995	5315
Potassium	ppm	ASTM D6130		<b>0</b>	8	0

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	>5	<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D6130	>6	<b>0</b>	0	0

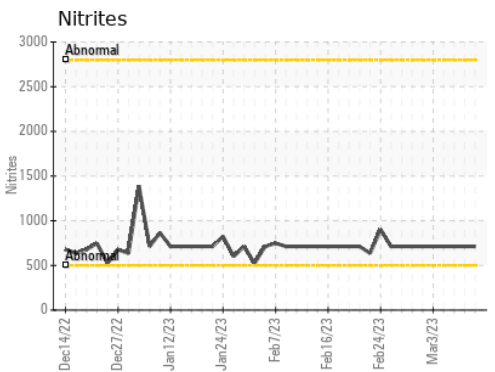
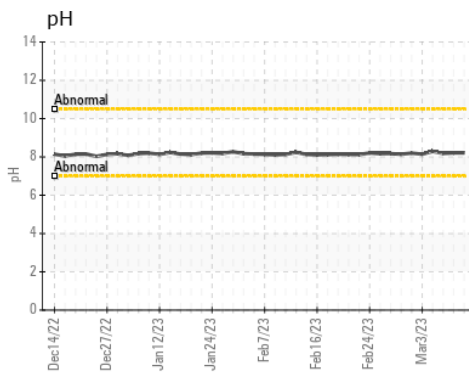
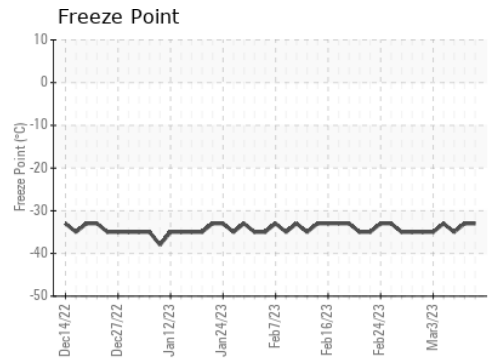
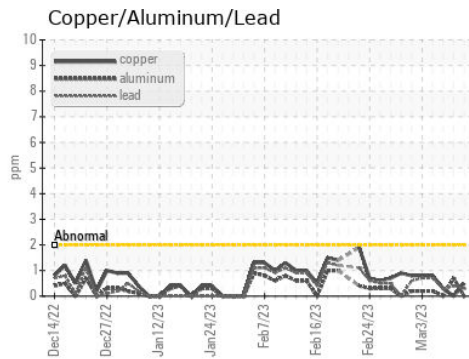
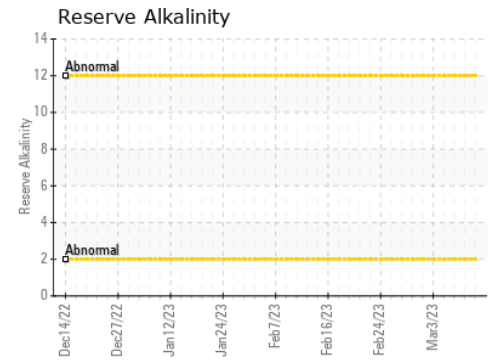
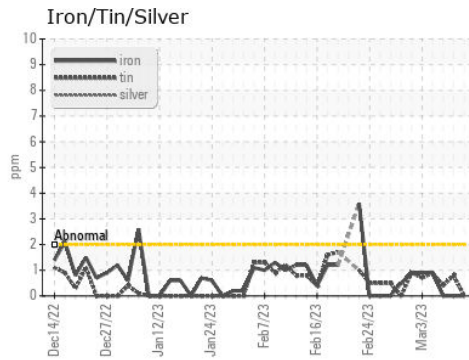


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0796875 **Received** : 09 Mar 2023  
**Lab Number** : 05787768 **Diagnosed** : 02 Oct 2023  
**Unique Number** : 10372439 **Diagnostician** : System  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

**WEARCHECK LUBRICATION SERVICES QA ACCOUNT**  
 501 Madison Ave  
 Cary, NC  
 US 27513  
 Contact: WCLS CARY NC

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: (919)379-4102

F: (919)379-4050