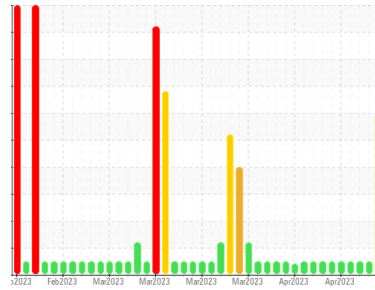




COOLANT REPORT

Sample Rating Trend



COOL CHEMICALS



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			WC0807716	WC0807715	WC0807714
Sample Date	Client Info			27 Apr 2023	26 Apr 2023	25 Apr 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				SEVERE	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287		8.21	8.20	8.16
Nitrites	ppm	AP-053:2009		636	676	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.7	49.8	49.8
Freezing Point	°F	ASTM D3321		-33	-33	-33
Total Dissolved Solids				343.0	339.5	347.5
Carboxylate				pass	pass	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	13	15	10
Phosphorus	ppm	ASTM D6130	0	0	0	0
Boron	ppm	ASTM D6130	0	8	10	0
Molybdenum	ppm	ASTM D6130	950	1152	985	997

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

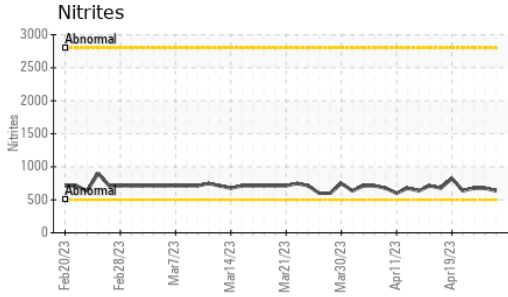
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		8	19	14

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		6233	5283	5132
Potassium	ppm	ASTM D6130		19	18	0

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

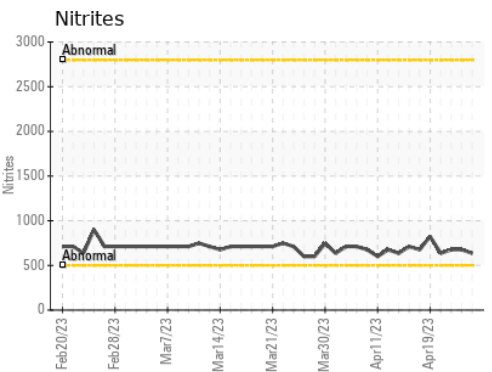
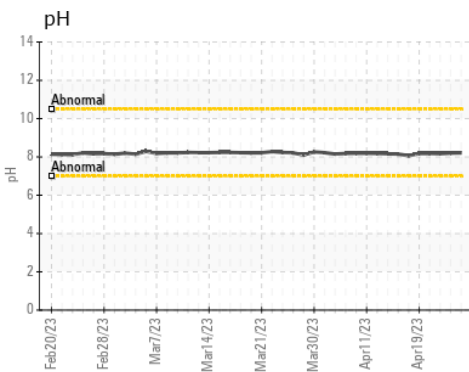
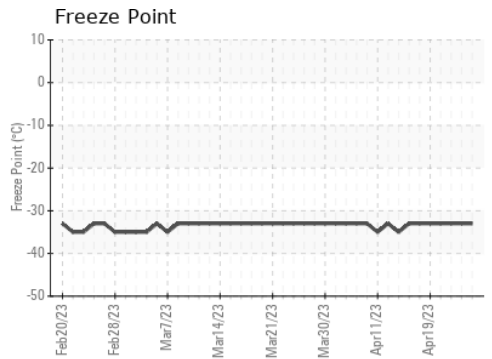
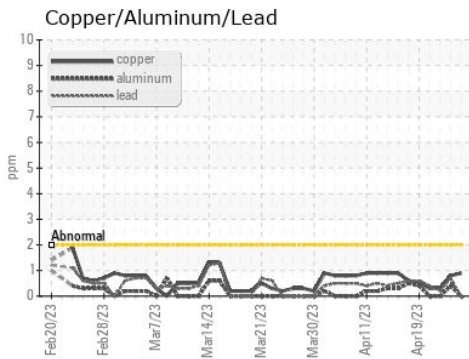
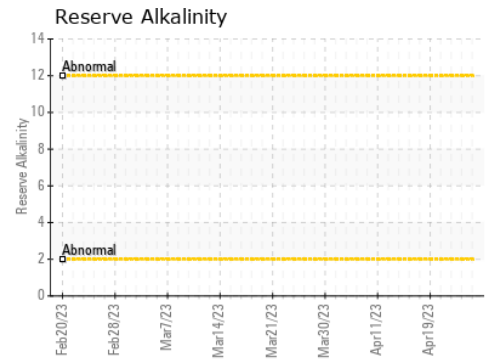
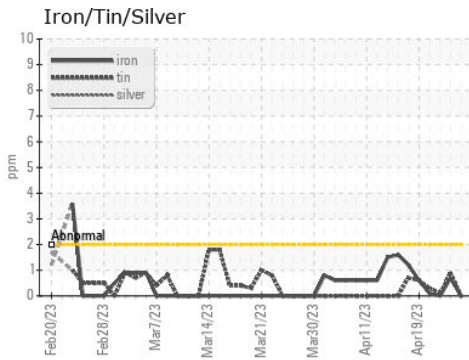


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0807716 **Received** : 27 Apr 2023
Lab Number : 05831569 **Diagnosed** : 02 Oct 2023
Unique Number : 10445062 **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)

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