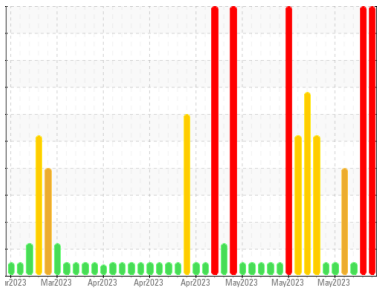
COOLANT REPORT

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		**WC0825544**	WC0825543	WC0825542
Sample Date		Client Info		**08 Jun 2023**	07 Jun 2023	06 Jun 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**	SEVERE	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		**8.20**	8.18	8.21
Nitrites	ppm	AP-053:2009		**712**	748	636
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**49.8**	49.8	49.8
Freezing Point	°F	ASTM D3321		**-33**	-33	-33
Total Dissolved Solids				**18.5**	348.5	338.5
Carboxylate				**fail**	fail	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	**4**	9	9
Phosphorus	ppm	ASTM D6130	0	**0**	0	0
Boron	ppm	ASTM D6130	0	**0**	2	4
Molybdenum	ppm	ASTM D6130	950	**1200**	1016	1030

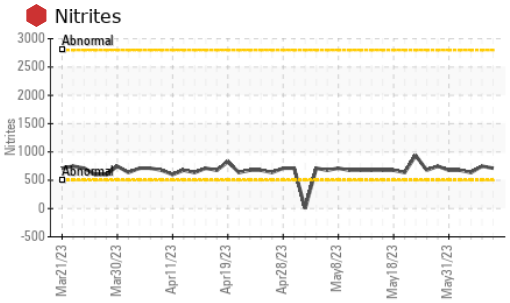
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>2	**1**	0	0
Aluminum	ppm	ASTM D6130	>2	**<1**	0	0
Copper	ppm	ASTM D6130	>2	**0**	<1	<1
Lead	ppm	ASTM D6130	>2	**0**	<1	<1
Tin	ppm	ASTM D6130	>2	**1**	0	0
Zinc	ppm	ASTM D6130	>2	**0**	0	0

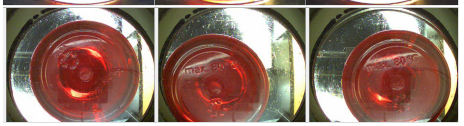
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**4**	15	17

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**8135**	5380	5320
Potassium	ppm	ASTM D6130		**0**	155	0

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

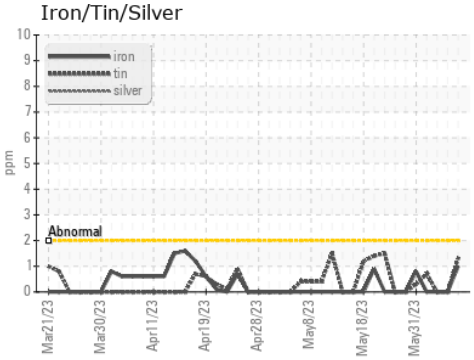
COOLANT REPORT



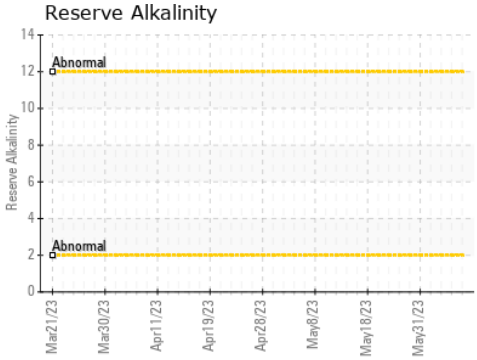
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual		**Red**	Red	Red
Coolant Appearance		*Visual	Clear	**normal**	normal	normal
Color						
Bottom						

GRAPHS

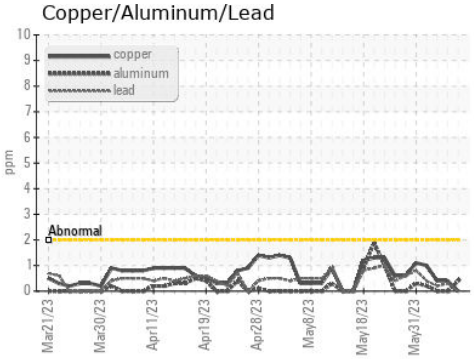
Iron/Tin/Silver



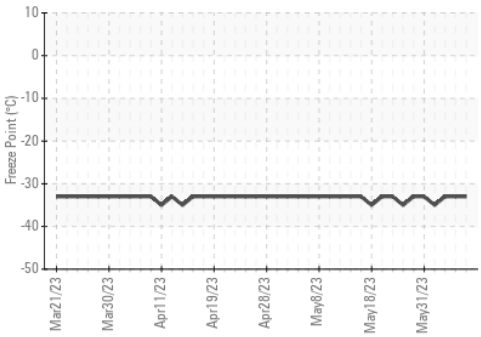
Reserve Alkalinity



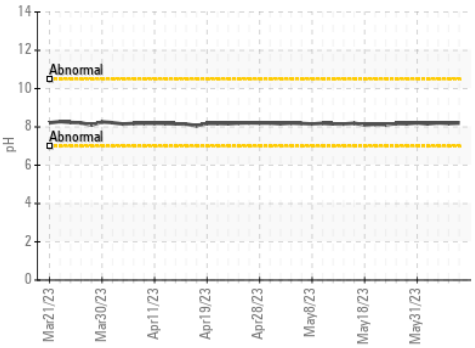
Copper/Aluminum/Lead



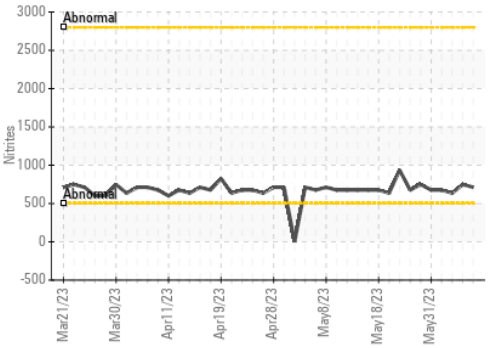
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0825544 **Received** : 08 Jun 2023
Lab Number : 05868354 **Diagnosed** : 02 Oct 2023
Unique Number : 10508138 **Diagnostician** : System
Test Package : COOL- (Additional Tests: COOL, ICP)

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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