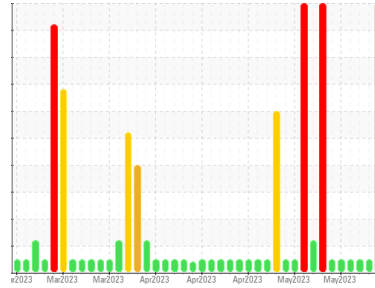




COOLANT REPORT

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			WC0817096	WC0817094	WC0817089
Sample Date	Client Info			18 May 2023	16 May 2023	11 May 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		8.11	8.19	8.15
Nitrites	ppm	AP-053:2009		676	676	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.0	49.8	49.8
Freezing Point	°F	ASTM D3321		-35	-33	-33
Total Dissolved Solids				341.0	324.5	333.5
Carboxylate				pass	pass	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	21	7	6
Phosphorus	ppm	ASTM D6130	0	52	0	0
Boron	ppm	ASTM D6130	0	22	0	0
Molybdenum	ppm	ASTM D6130	950	1169	1144	1049

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

CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		39	<1	0

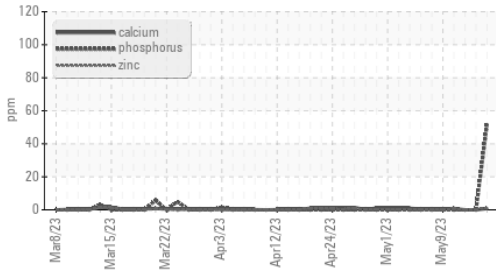
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5770	5708	5628
Potassium	ppm	ASTM D6130		116	0	0

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

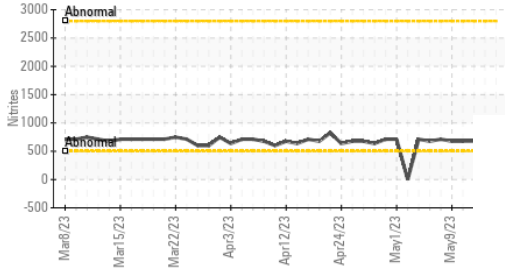


COOLANT REPORT

Additives



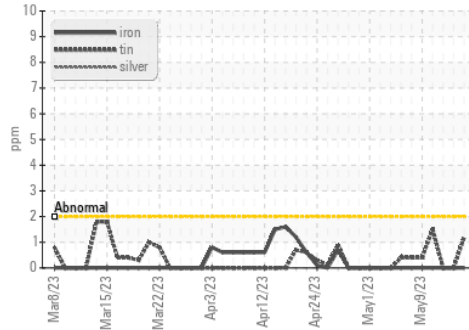
Nitrites



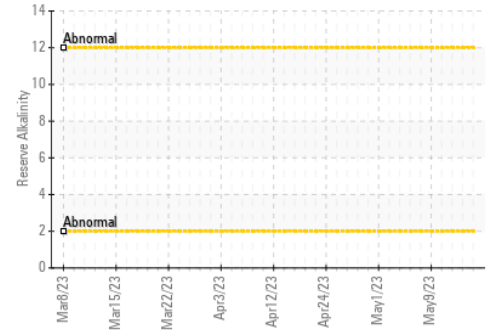
VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	LtRed
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

GRAPHS

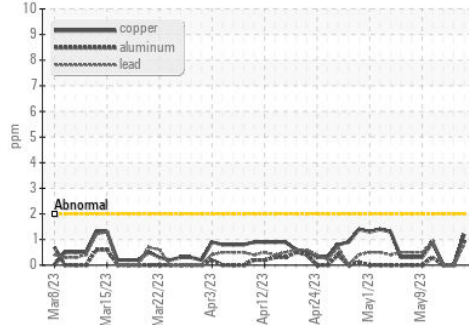
Iron/Tin/Silver



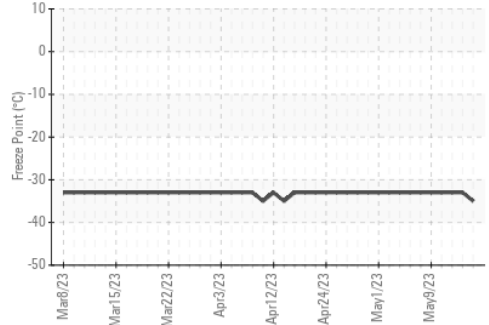
Reserve Alkalinity



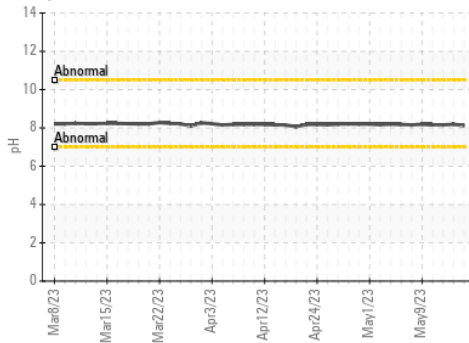
Copper/Aluminum/Lead



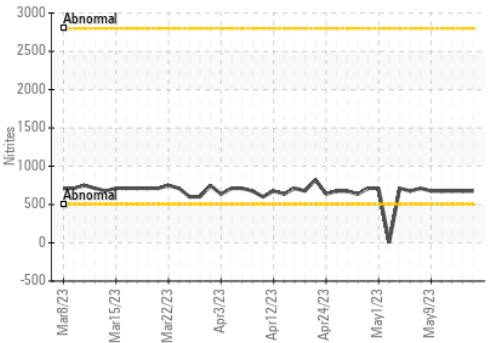
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0817096 **Received** : 18 May 2023
Lab Number : 05850985 **Diagnosed** : 02 Oct 2023
Unique Number : 10480340 **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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