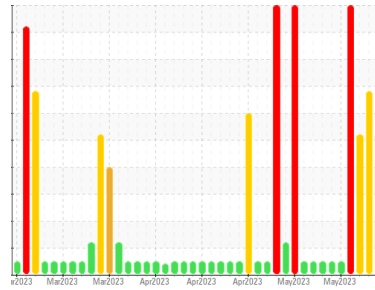




COOLANT REPORT

Sample Rating Trend



CARBOXYLATE



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			WC0817103	WC0817100	WC0817097
Sample Date	Client Info			25 May 2023	22 May 2023	19 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	SEVERE	SEVERE

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.068	1.067	1.067
pH	Scale 0-14	ASTM D1287		8.17	8.12	8.14
Nitrites	ppm	AP-053:2009		676	936	636
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.1	49.8	49.8
Freezing Point	°F	ASTM D3321		-35	-33	-33
Total Dissolved Solids				338.5	342.0	323.5
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	20	20	21
Phosphorus	ppm	ASTM D6130	0	2	50	50
Boron	ppm	ASTM D6130	0	6	20	20
Molybdenum	ppm	ASTM D6130	950	1074	1124	1148

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

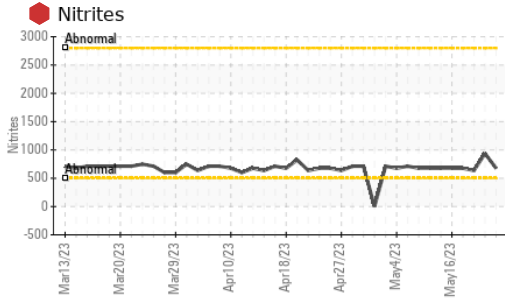
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		8	37	38


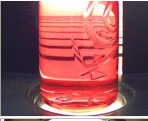
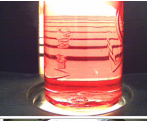
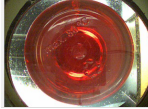
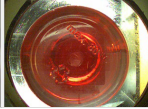
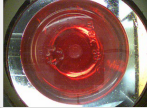
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		4930	5565	5774
Potassium	ppm	ASTM D6130		79	39	51

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

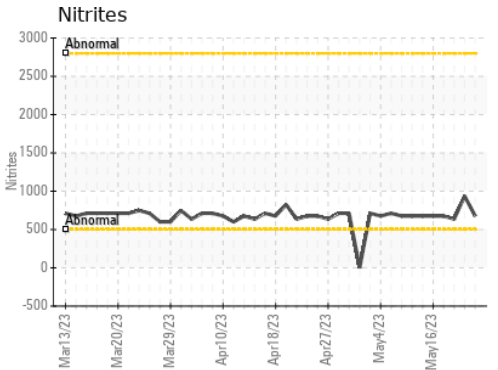
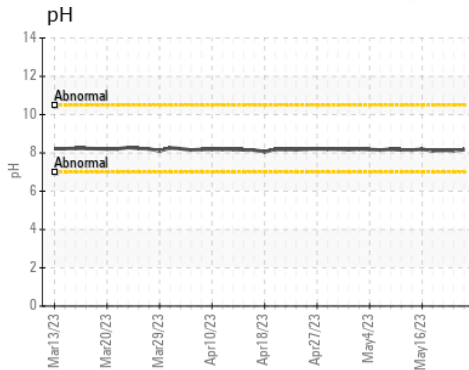
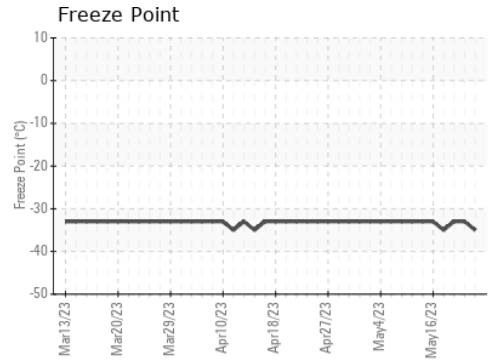
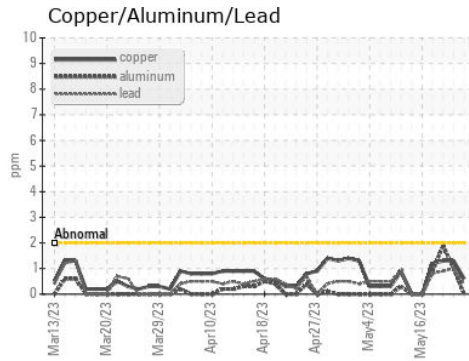
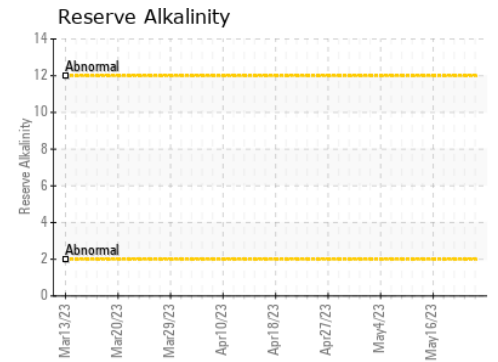
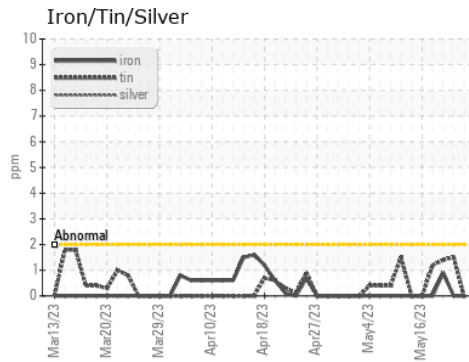


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : WC0817103 Received : 25 May 2023
 Lab Number : 05857607 Diagnosed : 02 Oct 2023
 Unique Number : 10486962 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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