

## **COOLANT REPORT**

## WCLSNC Machine Id QC COOL ELC NC 09012022

Component Coolant

CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

Sample Rating Trend

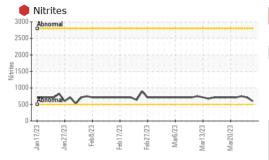


DIAGNOSIS

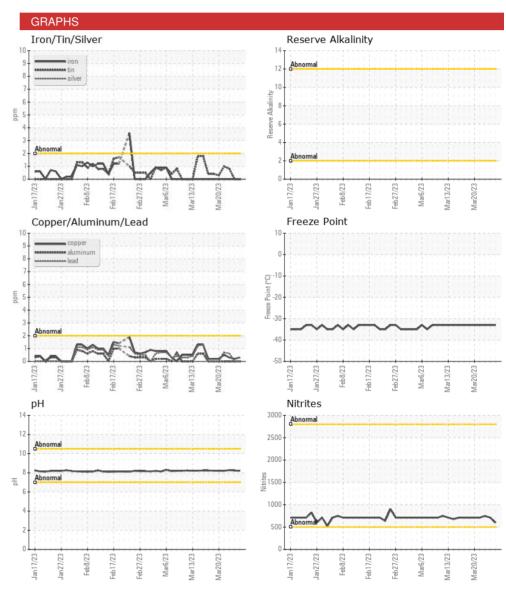
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0796890	WC0796889	WC0796888
Sample Date		Client Info		24 Mar 2023	23 Mar 2023	22 Mar 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				SEVERE	ABNORMAL	NORMAL
PHYSICAL TEST F	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.067	1.067	1.067
рН	Scale 0-14	ASTM D1287		8.21	8.23	8.28
Nitrites	ppm	AP-053:2009		600	712	748
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		49.9	49.8	49.9
Freezing Point	°F	ASTM D3321		-33	-33	-33
Total Dissolved Solids				342.5	348.5	361.0
Carboxylate				fail	pass	pass
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	10	9	20
Phosphorus	ppm	ASTM D6130	0	0	5	0
Boron	ppm	ASTM D6130	0	0	0	0
Molybdenum	ppm	ASTM D6130	950	1098	1113	1200
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>2	0	0	0
Aluminum	ppm	ASTM D6130	>2	0	0	0
Copper	ppm	ASTM D6130	>2	<1	<1	<1
Lead	ppm	ASTM D6130	>2	0	0	<1
Tin	ppm	ASTM D6130	>2	0	0	<1
Zinc	ppm	ASTM D6130	>2	<1	0	<1
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		8	3	16
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>6014</b>	<b>△</b> 6033	6539
Potassium	ppm	ASTM D6130		0	0	27
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	>5	<1	<1	<1
Magnesium	ppm	ASTM D6130	>6	0	<1	0



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





**Unique Number** 

Laboratory Sample No. Lab Number

: WC0796890 : 05802983 : 10400512

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 27 Mar 2023 Diagnosed

: 02 Oct 2023 Diagnostician : System

501 Madison Ave Cary, NC US 27513

WEARCHECK LUBRICATION SERVICES QA ACCOUNT

Contact: WCLS CARY NC

Test Package : COOL- (Additional Tests: COOL, ICP) Certificate L2367 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