



COOLANT REPORT

CORROSION

NORMAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

SEVERE

Area

WCLSNC

Machine Id

QC COOL ELC NC 09012022

Component

Coolant

Fluid

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

RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0877731	WC0877758	WC0877726
Sample Date		Client Info		06 Nov 2023	03 Nov 2023	01 Nov 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

CORROSION

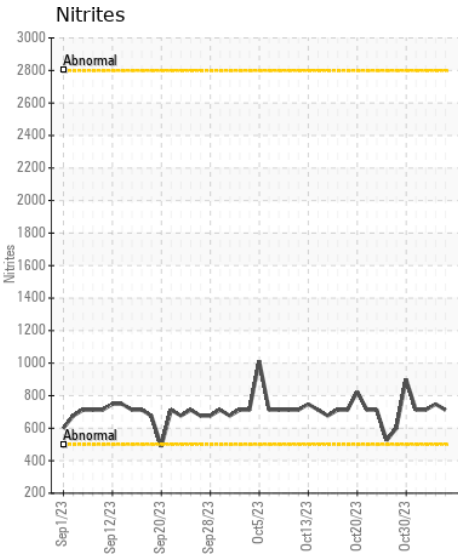
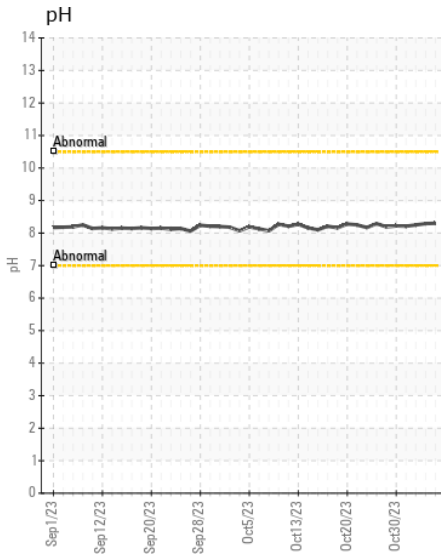
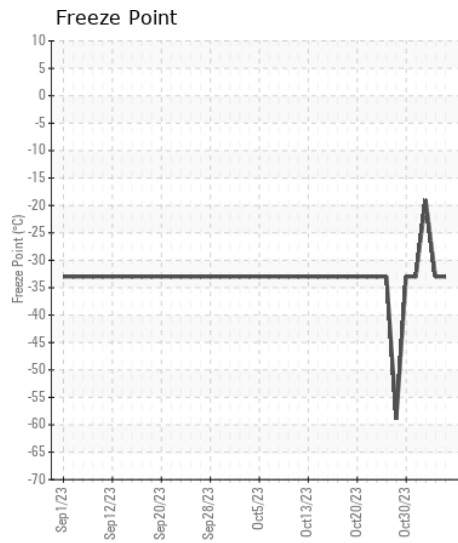
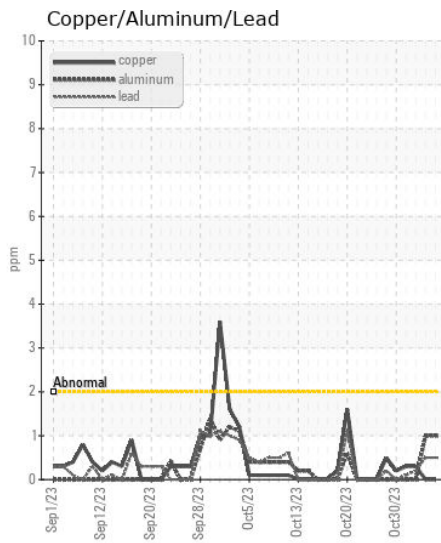
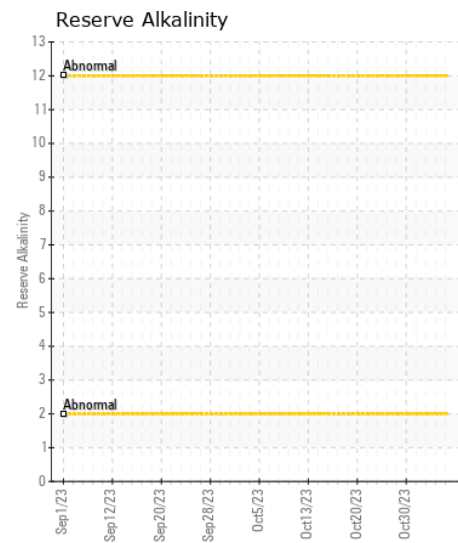
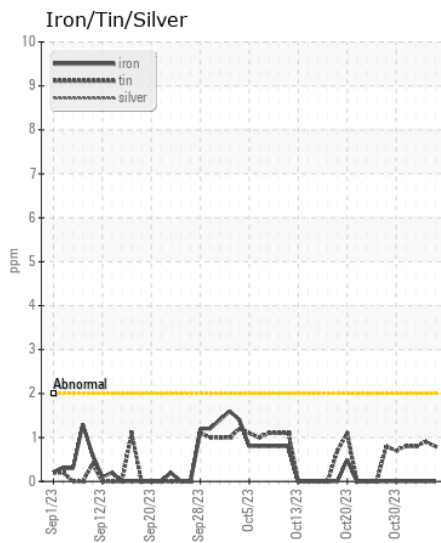
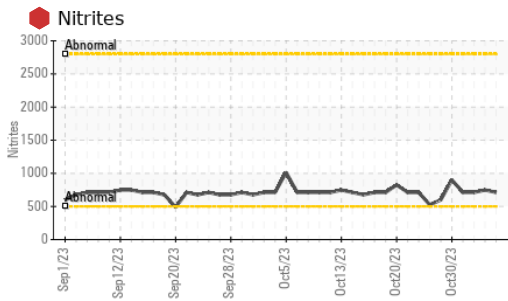
Iron	ppm	ASTM D6130	>2	0	0	0
Aluminum	ppm	ASTM D6130	>2	1	1	0
Copper	ppm	ASTM D6130	>2	0	0	<1
Lead	ppm	ASTM D6130	>2	<1	<1	<1
Tin	ppm	ASTM D6130	>2	<1	<1	<1
Zinc	ppm	ASTM D6130	>10	0	0	0

CONTAMINANTS

Calcium	ppm	ASTM D6130	>5	<1	<1	0
Chlorine	ppm	ASTM D6130		8	6	9
Magnesium	ppm	ASTM D6130	>6	<1	1	<1
Total Dissolved Solids				379.0	377.0	277.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

COOLANT CONDITION

Specific Gravity		*ASTM D1298		1.067	1.067	1.059
pH	Scale 0-14	ASTM D1287		8.30	8.29	8.25
Nitrites	ppm	AP-053:2009		712	748	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.4	49.4	43.7
Freezing Point	°F	ASTM D3321		-33	-33	-19
Carboxylate				fail	fail	fail
Silicon	ppm	ASTM D6130	0	3	3	<1
Phosphorus	ppm	ASTM D6130	0	<1	3	3
Boron	ppm	ASTM D6130	0	0	<1	0
Molybdenum	ppm	ASTM D6130	950	641	656	657
Sodium	ppm	ASTM D6130		3598	3691	3775
Potassium	ppm	ASTM D6130		5	6	6
Coolant Color		*Visual		Red	Red	Red



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0877731 **Received** : 06 Nov 2023
Lab Number : 05999503 **Diagnosed** : 06 Jan 2024
Unique Number : 10727863 **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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