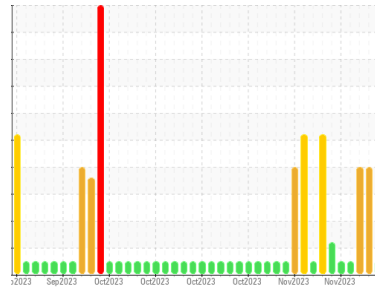




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
WCLSNC
 Machine Id
QC COOL ELC NC 09012022

Component
Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0877746	WC0877741	WC0877740
Sample Date	Client Info			21 Nov 2023	16 Nov 2023	15 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				NORMAL	SEVERE	SEVERE

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.067	1.066	1.067
pH	Scale 0-14	ASTM D1287		8.18	8.22	8.14
Nitrites	ppm	AP-053:2009		712	712	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.5	49.0	49.5
Freezing Point	°F	ASTM D3321		-33	-33	-33
Total Dissolved Solids				352.5	302.0	385.5
Carboxylate				fail	fail	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	0	0	---
Phosphorus	ppm	ASTM D6130	0	6	3	---
Boron	ppm	ASTM D6130	0	0	0	---
Molybdenum	ppm	ASTM D6130	950	678	693	---

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

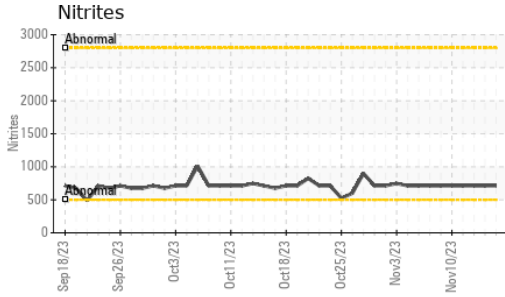
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		5	10	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3599	3709	---
Potassium	ppm	ASTM D6130		18	<1	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	>5	2	2	---
Magnesium	ppm	ASTM D6130	>6	2	2	---

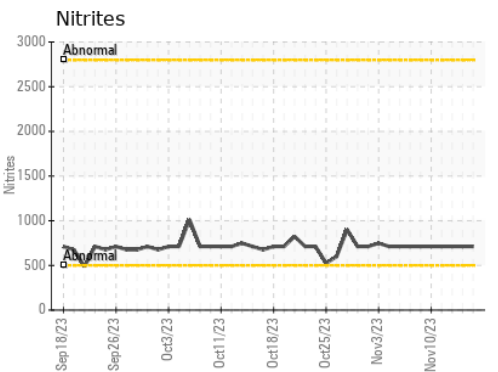
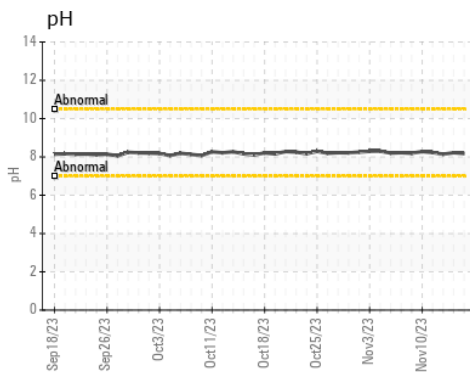
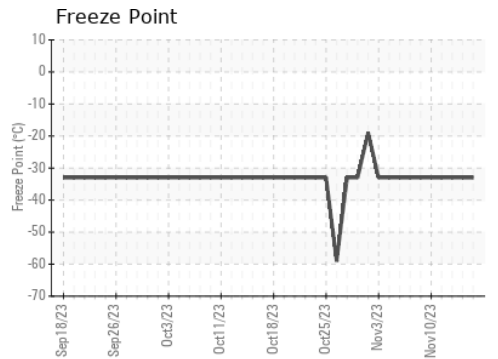
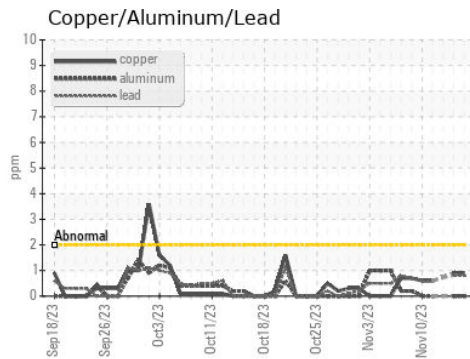
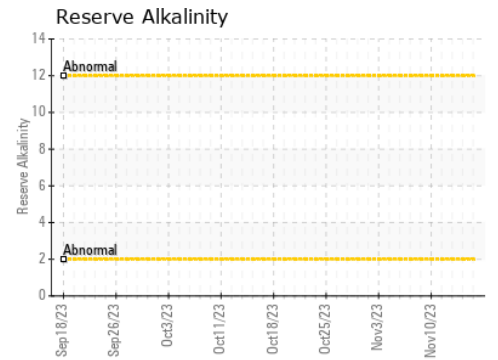
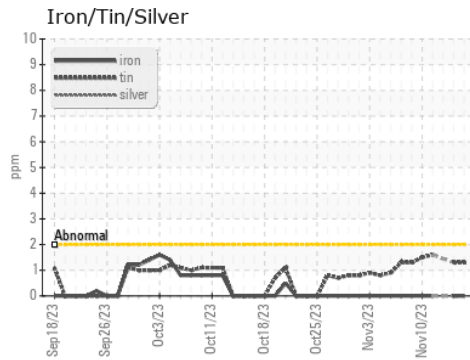


COOLANT REPORT



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. : WC0877746 **Received** : 21 Nov 2023
Lab Number : 06014408 **Diagnosed** : 27 Nov 2023
Unique Number : 10753552 **Diagnostician** : Jonathan Hester
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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