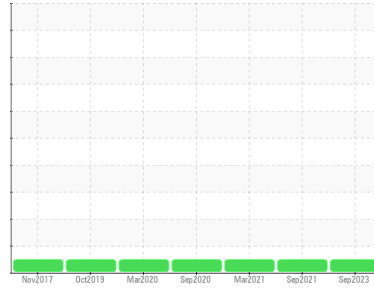




COOLANT REPORT

Area
KANSAS/44/EG - OTHER SERVICE
 Machine Id
63.03 [KANSAS^44^EG - OTHER SERVICE]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

Sample Rating Trend



NORMAL



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. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0781175	WC0590294	WC0552121
Sample Date	Client Info		22 Sep 2023	08 Sep 2021	12 Mar 2021
Machine Age	hrs	Client Info	13431	12430	11982
Oil Age	hrs	Client Info	13431	0	0
Oil Changed	Client Info		Not Chngd	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.070	---	---
pH	Scale 0-14 ASTM D1287		8.21	7.52	7.56
Nitrites	ppm AP-053:2009		712	524	560
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		52.0	54	54
Freezing Point	°F ASTM D3321		-40	-49	-49
Total Dissolved Solids			343.0	356.5	378.0
Carboxylate			fail	fail	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		15	34	29
Phosphorus	ppm ASTM D6130		11	1	2
Boron	ppm ASTM D6130		22	59	73
Molybdenum	ppm ASTM D6130		554	1078	1200

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	1	<1	<1
Aluminum	ppm ASTM D6130	>10	<1	<1	1
Copper	ppm ASTM D6130	>10	1	2	3
Lead	ppm ASTM D6130	>10	1	0	<1
Tin	ppm ASTM D6130	>10	1	0	<1
Zinc	ppm ASTM D6130		<1	<1	1

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		14	41	50

CARRIER SALTS

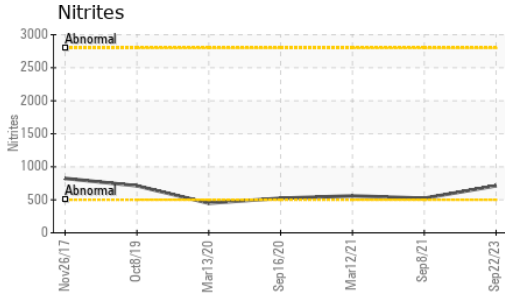
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		3570	3515	3452
Potassium	ppm ASTM D6130		31	15	22

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		3	4	5
Magnesium	ppm ASTM D6130		2	3	3

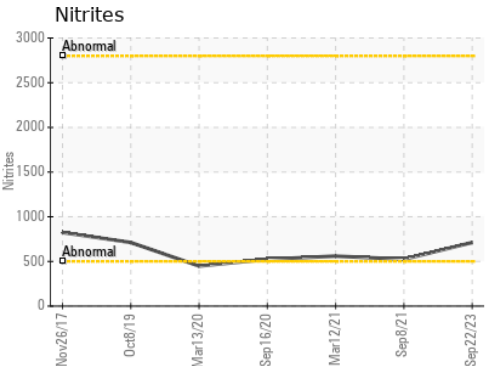
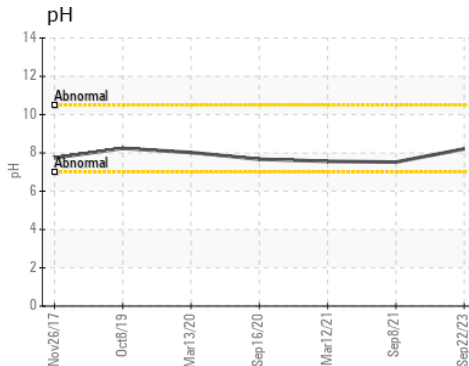
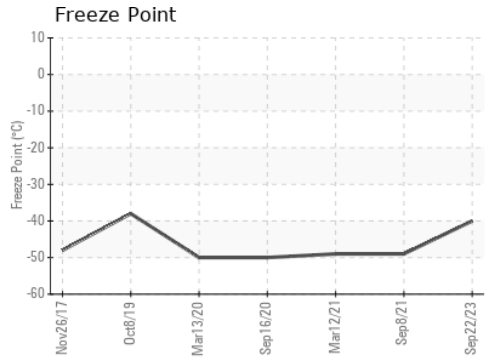
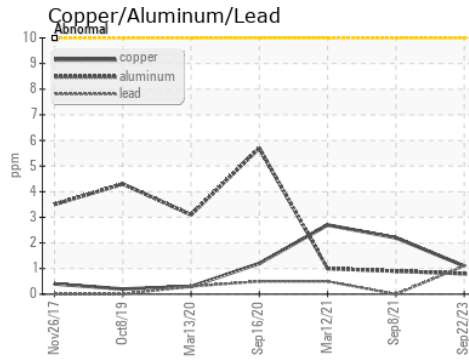
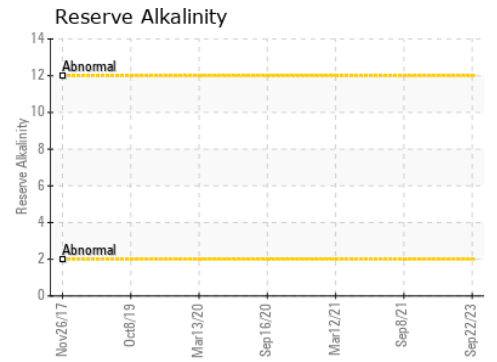
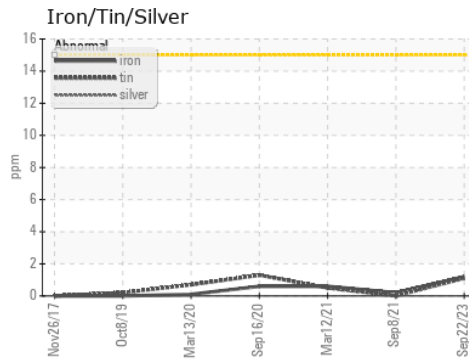


COOLANT REPORT



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. : WC0781175 **Received** : 28 Sep 2023
Lab Number : 05963892 **Diagnosed** : 04 Oct 2023
Unique Number : 10670443 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: DOUG KING
 doug.king@sherwood.net
 T: (316)617-3161
 F: x:

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)