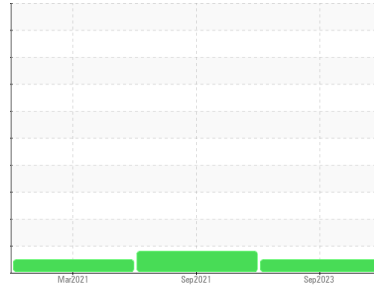




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/102/EG - OTHER SERVICE
 Machine Id
99.96 [OKLAHOMA^102^EG - OTHER SERVICE]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- 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. 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			WC0849005	WC0590321	WC0552103
Sample Date	Client Info			15 Sep 2023	03 Sep 2021	25 Mar 2021
Machine Age	hrs	Client Info		1848	1083	905
Oil Age	hrs	Client Info		1848	500	0
Oil Changed	Client Info			Not Chngd	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.078	---	---
pH	Scale 0-14	ASTM D1287		8.37	8.86	8.69
Nitrites	ppm	AP-053:2009		824	1164	1276
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		58.7	54	50
Freezing Point	°F	ASTM D3321		-54	-50	-38
Total Dissolved Solids				369.0	278.0	227.5
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		48	70	50
Phosphorus	ppm	ASTM D6130		67	221	40
Boron	ppm	ASTM D6130		145	494	443
Molybdenum	ppm	ASTM D6130		775	1	<1

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

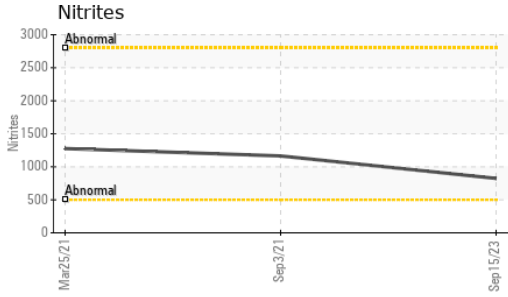
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		7	45	51

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5002	1455	1501
Potassium	ppm	ASTM D6130		667	794	243

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

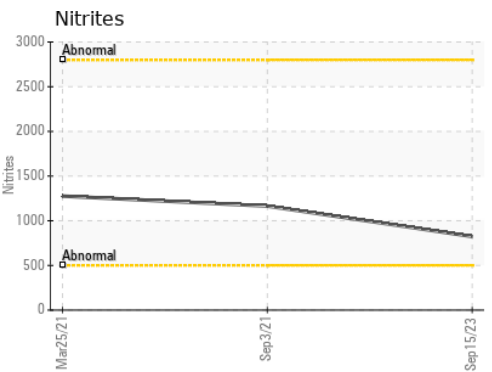
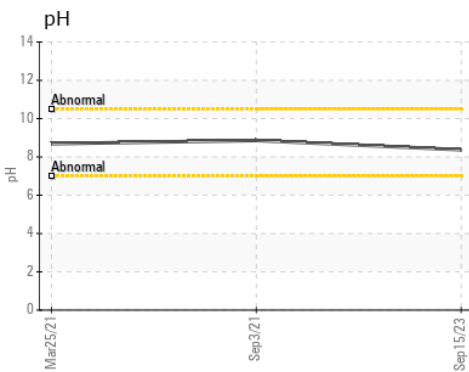
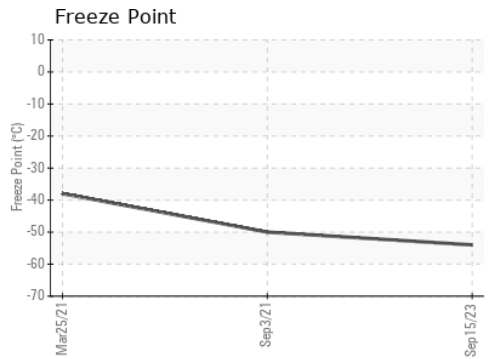
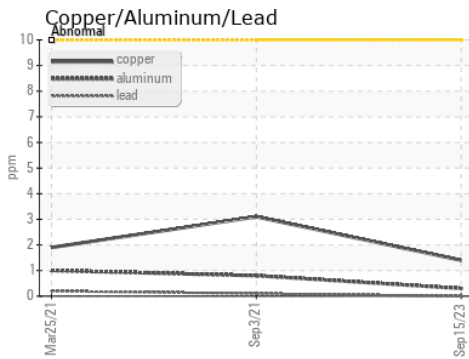
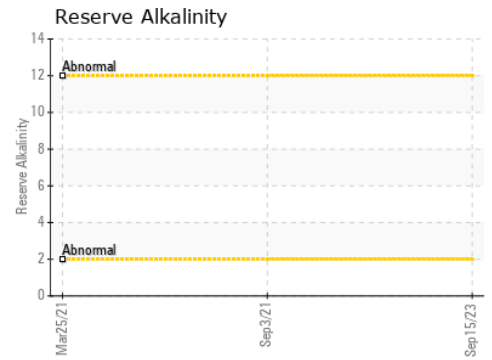
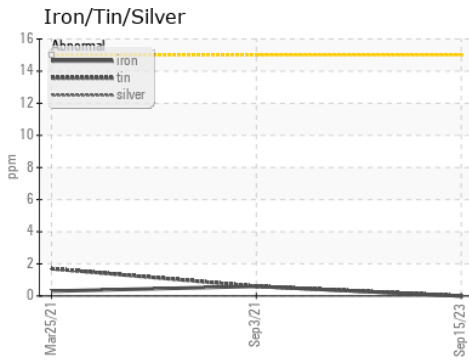


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		LtRed	Green	Green
Coolant Appearance	*Visual	Clear	normal	▲ sediment	normal
Color				no image	
Bottom				no image	

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0849005 **Received** : 25 Sep 2023
Lab Number : 05960279 **Diagnosed** : 27 Sep 2023
Unique Number : 10661492 **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)