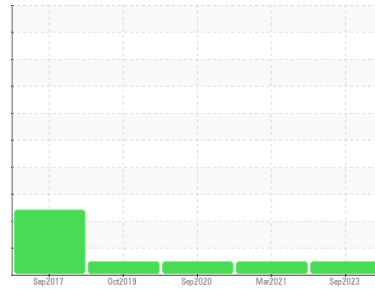




COOLANT REPORT

Area
OKLAHOMA/102/EG - ROLLER/COMPACTOR
 Machine Id
64.23L [OKLAHOMA^102^EG - ROLLER/COMPACTOR]
 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		WC0848845	WC0552147	WC0501519
Sample Date	Client Info		07 Sep 2023	16 Mar 2021	16 Sep 2020
Machine Age	hrs	Client Info	4885	3486	3311
Oil Age	hrs	Client Info	500	1000	600
Oil Changed	Client Info		Not Chngd	N/A	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.069	---	---
pH	Scale 0-14	ASTM D1287	7.32	7.20	7.20
Nitrites	ppm	AP-053:2009	184	184	336
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	51.6	51	51
Freezing Point	°F	ASTM D3321	-38	-41	-41
Total Dissolved Solids			376.5	384.5	422.0
Carboxylate			fail	pass	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	16	22	10
Phosphorus	ppm	ASTM D6130	0	2	2
Boron	ppm	ASTM D6130	4	2	3
Molybdenum	ppm	ASTM D6130	919	1154	553

CORROSION

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D6130	>15	0	<1	<1
Aluminum	ppm	ASTM D6130	>10	2	1	6
Copper	ppm	ASTM D6130	>10	1	2	<1
Lead	ppm	ASTM D6130	>10	0	<1	<1
Tin	ppm	ASTM D6130	>10	0	<1	1
Zinc	ppm	ASTM D6130		6	18	8

CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		13	38	15

CARRIER SALTS

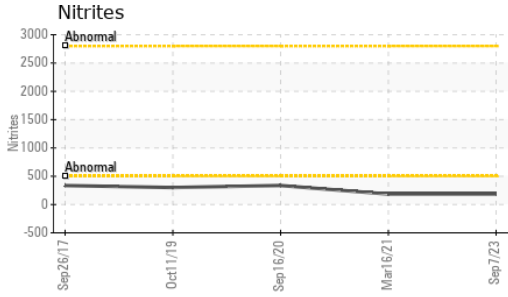
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		5742	3463	3224
Potassium	ppm	ASTM D6130		188	122	105


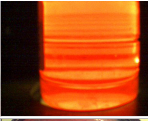
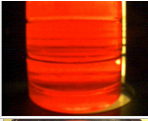



SCALE POTENTIAL

	method	limit/base	current	history1	history2	
Calcium	ppm	ASTM D6130		4	6	3
Magnesium	ppm	ASTM D6130		9	12	6

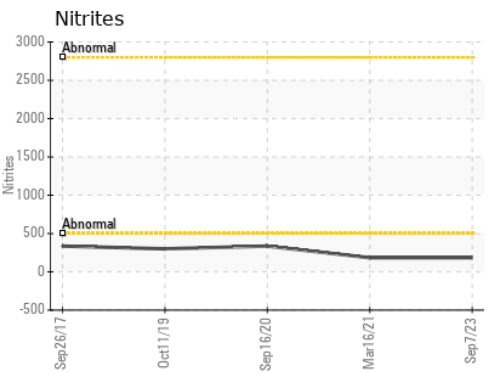
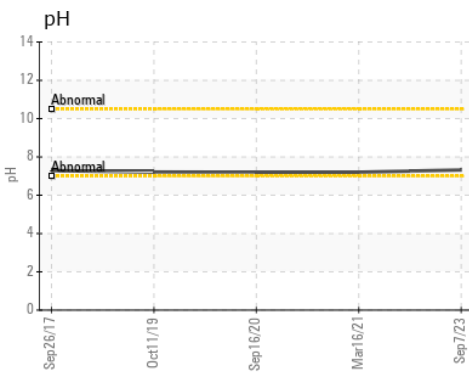
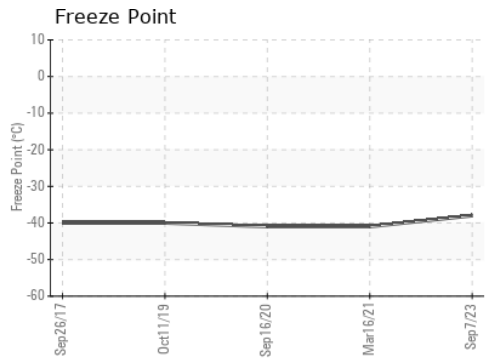
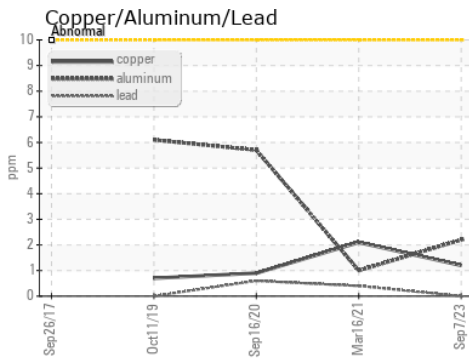
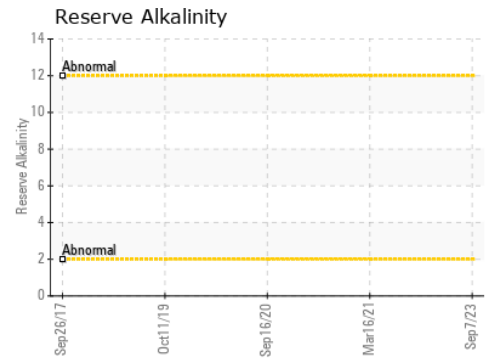
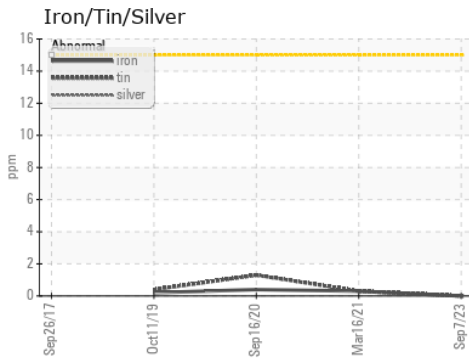


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848845 **Received** : 25 Sep 2023
Lab Number : 05960272 **Diagnosed** : 27 Sep 2023
Unique Number : 10661485 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: JIMMY DERAMUS
 jimmy.deramus@sherwood.net
 T: (918)691-3306
 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)