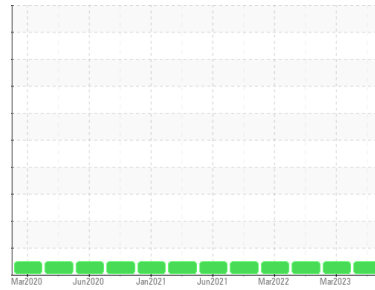




COOLANT REPORT

Area
COLORADO/443/EG - ROLLER/COMPACTOR
 Machine Id
64.28L [COLORADO^443^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. 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		WC0883974	WC0766189	WC0672103
Sample Date	Client Info		02 Apr 2024	02 Mar 2023	14 Sep 2022
Machine Age	hrs	Client Info	4439	4258	4136
Oil Age	hrs	Client Info	4439	4258	4136
Oil Changed		Client Info	Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.068	1.068	1.069
pH	Scale 0-14	ASTM D1287	7.31	7.14	7.15
Nitrites	ppm	AP-053:2009	788	336	260
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	50.4	50.9	51.0
Freezing Point	°F	ASTM D3321	-35	-35	-38
Total Dissolved Solids			314.5	364.0	361.0
Carboxylate			fail	pass	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	3	24	23
Phosphorus	ppm	ASTM D6130	0	0	0
Boron	ppm	ASTM D6130	0	2	4
Molybdenum	ppm	ASTM D6130	604	1158	1008

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0	0
Aluminum	ppm	ASTM D6130	>10	2	<1
Copper	ppm	ASTM D6130	>10	1	4
Lead	ppm	ASTM D6130	>10	<1	<1
Tin	ppm	ASTM D6130	>10	<1	<1
Zinc	ppm	ASTM D6130		0	11

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		6	26

CARRIER SALTS

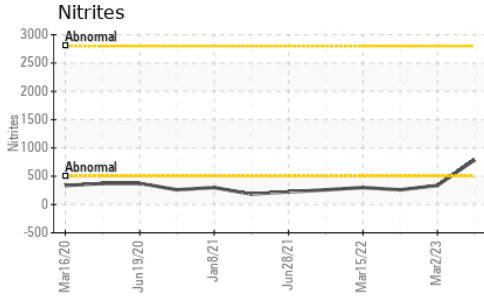
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3890	6473
Potassium	ppm	ASTM D6130		124	486

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		2	7
Magnesium	ppm	ASTM D6130		3	11

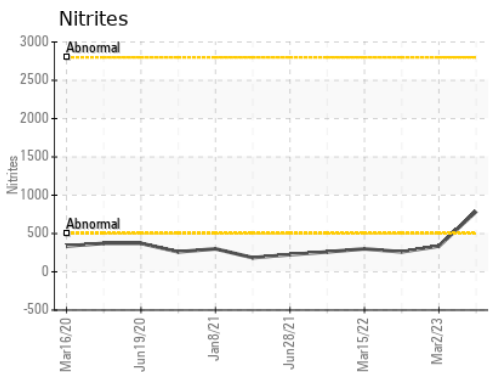
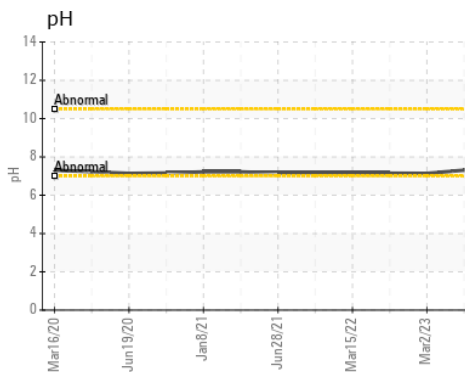
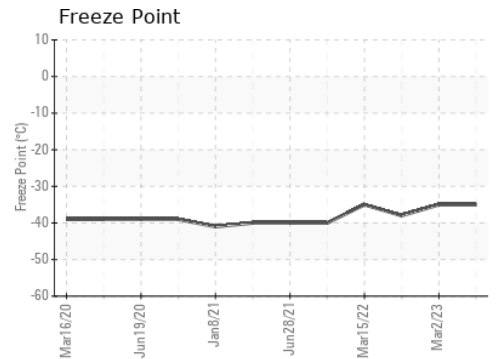
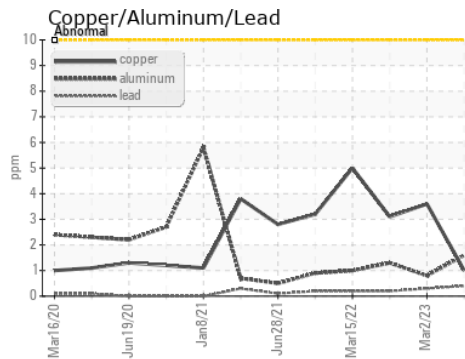
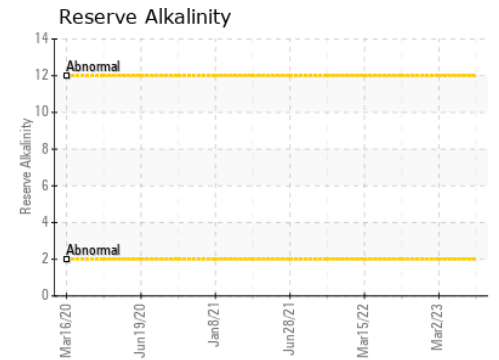
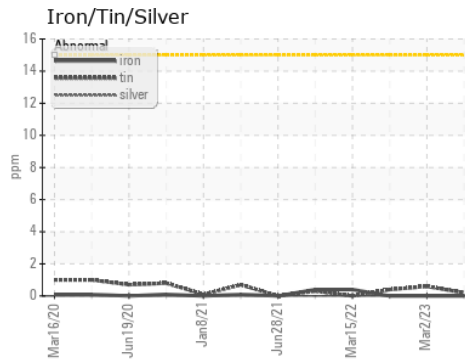


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883974
Lab Number : 06142677
Unique Number : 10967485
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: JIMMY DERAMUS
 jimmy.deramus@sherwood.net

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)

T: (918)691-3306

F: x: