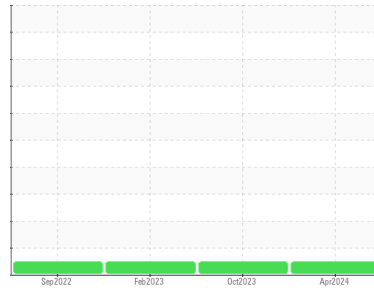




COOLANT REPORT

Sample Rating Trend



NORMAL



Area

COLORADO/443/COOL - OTHER SERVICE

Machine Id

63.90L [COLORADO^443^COOL - 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. 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			WC0883940	WC0859563	WC0749920
Sample Date	Client Info			03 Apr 2024	17 Oct 2023	27 Feb 2023
Machine Age	hrs	Client Info		27885	27860	27767
Oil Age	hrs	Client Info		27885	27860	27767
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	1.067
pH	Scale 0-14	ASTM D1287		8.39	8.32	8.35
Nitrites	ppm	AP-053:2009		900	712	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.5	50.8	50.0
Freezing Point	°F	ASTM D3321		-35	-35	-35
Total Dissolved Solids				318.5	336.0	368.0
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		11	31	32
Phosphorus	ppm	ASTM D6130		0	21	0
Boron	ppm	ASTM D6130		0	9	6
Molybdenum	ppm	ASTM D6130		632	618	1066

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

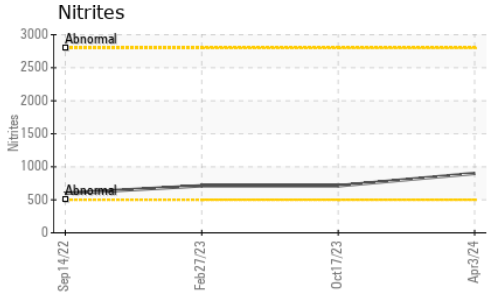
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		6	10	33



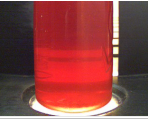


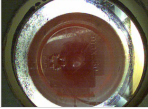
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3932	3610	5113
Potassium	ppm	ASTM D6130		160	211	348

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		1	3	3
Magnesium	ppm	ASTM D6130		1	2	1

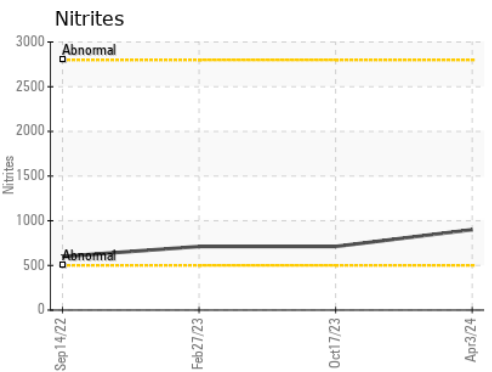
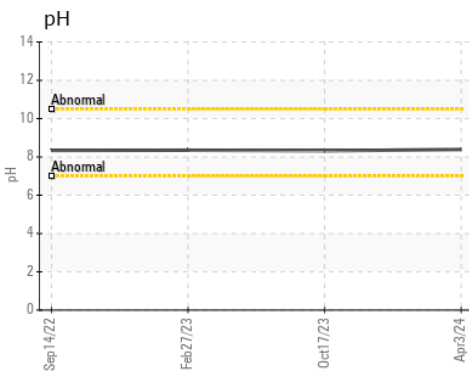
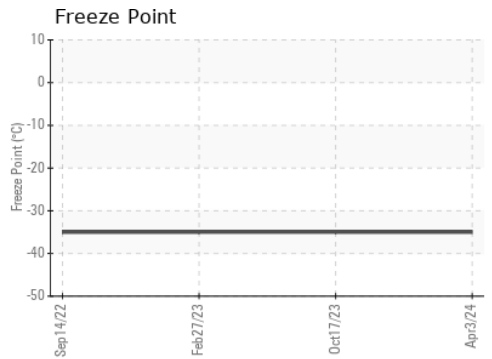
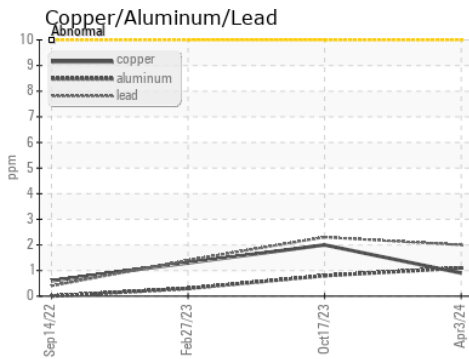
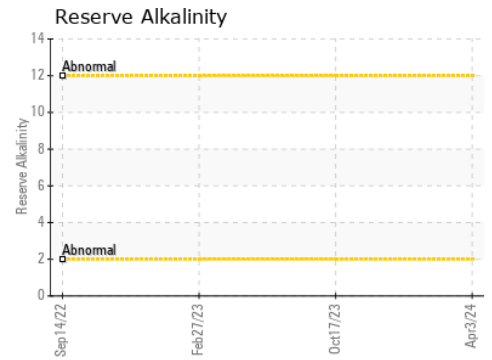
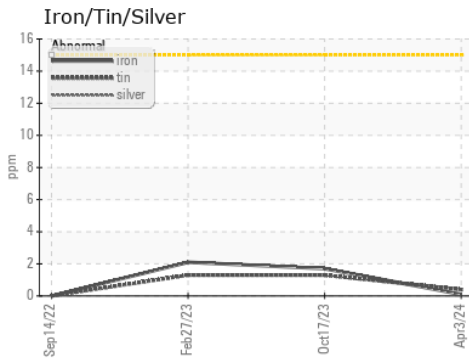


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883940 **Received** : 08 Apr 2024
Lab Number : 06142674 **Tested** : 11 Apr 2024
Unique Number : 10967482 **Diagnosed** : 11 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, 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)