



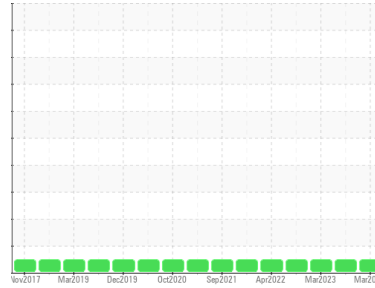
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
COLORADO/443/TR - LOADER
 Machine Id
46.85L [COLORADO^443^TR - LOADER]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)



DIAGNOSIS

Recommendation

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

The carboxylate level of this fluid is acceptable. 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		WC0883960	WC0859669	WC0766247
Sample Date	Client Info		13 Mar 2024	26 Oct 2023	29 Mar 2023
Machine Age	hrs	Client Info	9991	9776	9131
Oil Age	hrs	Client Info	9991	9776	9131
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		1.065	1.066	1.065
pH	Scale 0-14	ASTM D1287	7.96	7.92	7.95
Nitrites	ppm	AP-053:2009	600	560	488
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	48.5	49.0	48.4
Freezing Point	°F	ASTM D3321	-31	-33	-31
Total Dissolved Solids			373.0	342.0	350.0
Carboxylate			pass	fail	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	14	5	33
Phosphorus	ppm	ASTM D6130	139	39	42
Boron	ppm	ASTM D6130	0	0	8
Molybdenum	ppm	ASTM D6130	602	553	1112

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		24	0	23

CARRIER SALTS

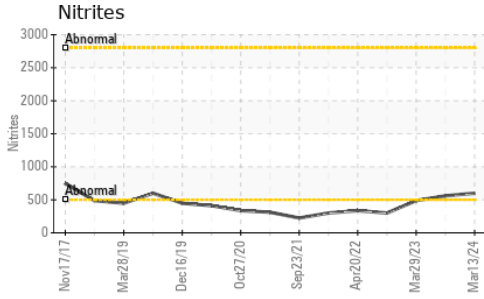
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		3508	3583	5787
Potassium	ppm	ASTM D6130		614	479	398

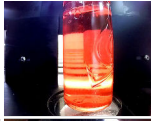


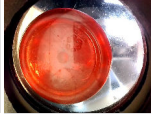
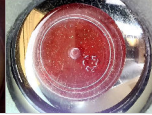
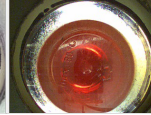
SCALE POTENTIAL

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

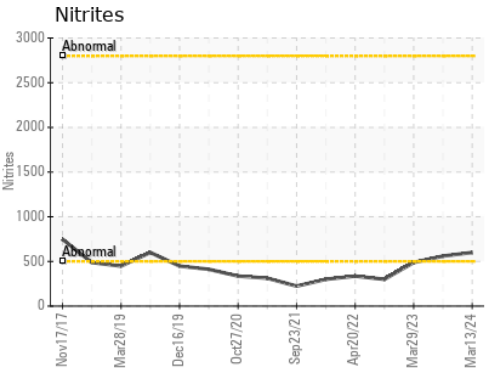
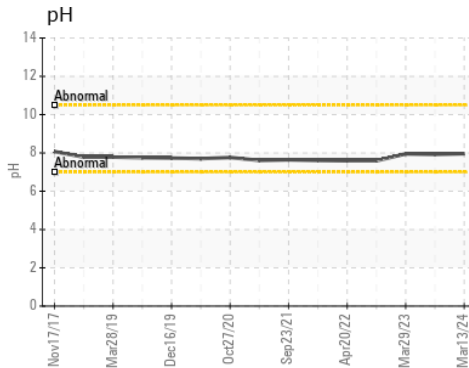
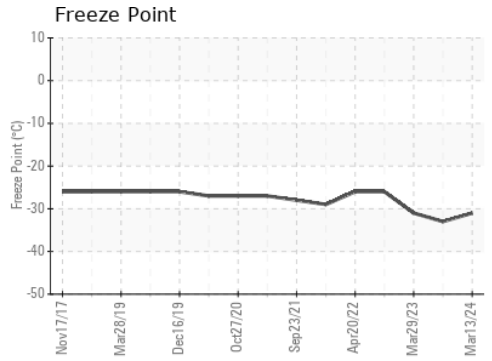
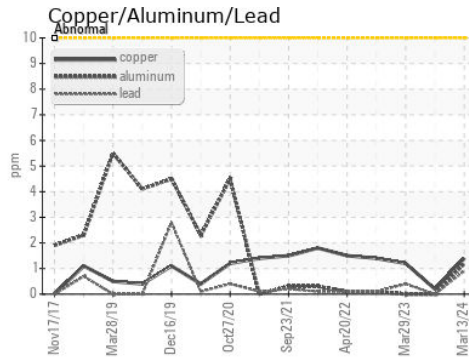
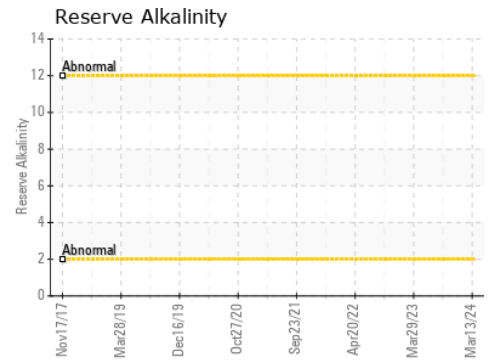
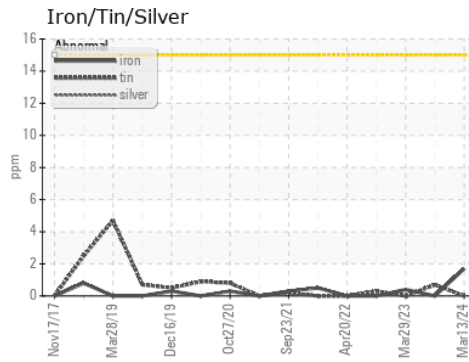


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883960 **Received** : 20 Mar 2024
Lab Number : 06124476 **Tested** : 25 Mar 2024
Unique Number : 10938627 **Diagnosed** : 25 Mar 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)