



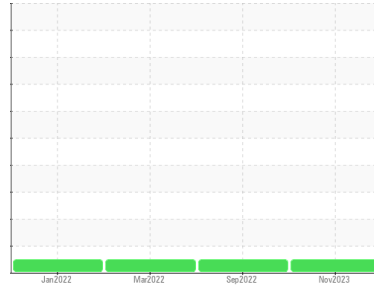
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44
 Machine Id
53.162L [KANSAS^44]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (4 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		WC0833769	WC0712238	WC0665196
Sample Date	Client Info		09 Nov 2023	19 Sep 2022	28 Mar 2022
Machine Age	hrs	Client Info	1353	432	61
Oil Age	hrs	Client Info	1353	432	5
Oil Changed		Client Info	Not Changed	Not Changd	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.066	1.066	1.067
pH	Scale 0-14	ASTM D1287	7.33	7.82	8.44
Nitrites	ppm	AP-053:2009	676	488	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	49.1	48.9	49.5
Freezing Point	°F	ASTM D3321	-33	-31	-33
Total Dissolved Solids			379.5	61.0	334.0
Carboxylate			fail	pass	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	3	23	17
Phosphorus	ppm	ASTM D6130	4	86	0
Boron	ppm	ASTM D6130	9	0	0
Molybdenum	ppm	ASTM D6130	241	910	1144

CORROSION

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D6130	>15	0	0	<1
Aluminum	ppm	ASTM D6130	>10	<1	<1	<1
Copper	ppm	ASTM D6130	>10	<1	2	<1
Lead	ppm	ASTM D6130	>10	<1	0	<1
Tin	ppm	ASTM D6130	>10	1	0	0
Zinc	ppm	ASTM D6130		13	0	<1

CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		21	22	6

CARRIER SALTS

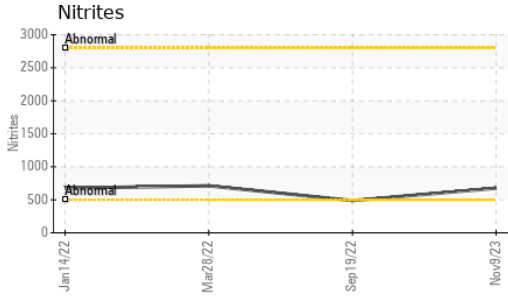
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		732	2978	2925
Potassium	ppm	ASTM D6130		556	454	12

SCALE POTENTIAL

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

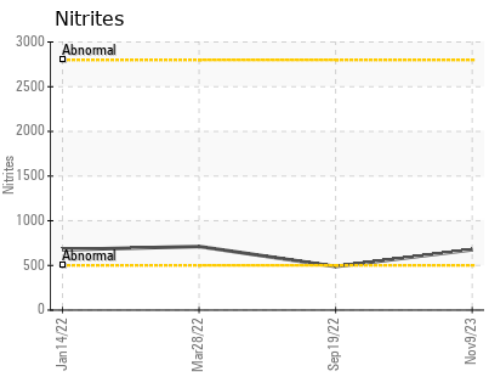
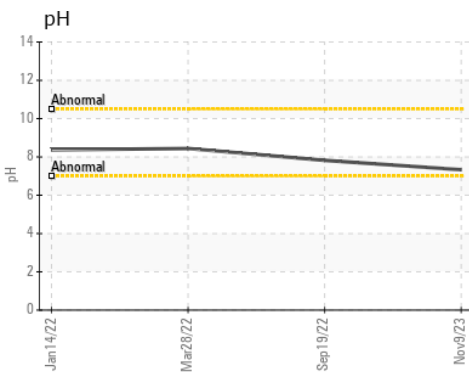
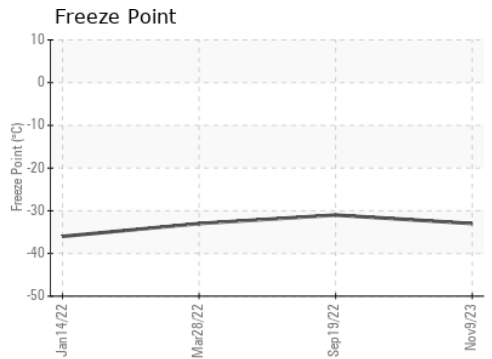
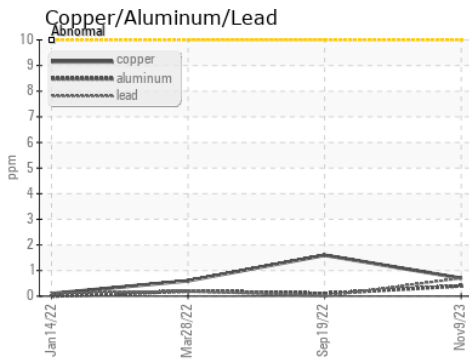
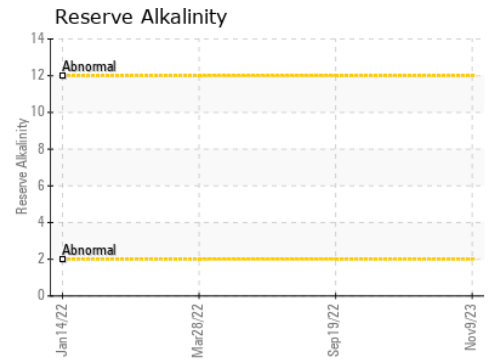
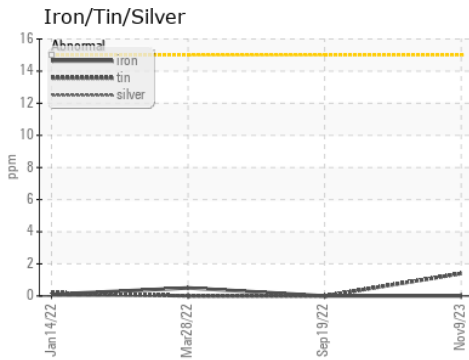


COOLANT REPORT



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. : WC0833769 **Received** : 15 Nov 2023
Lab Number : 06008777 **Diagnosed** : 05 Dec 2023
Unique Number : 10742539 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: RANDY ROBERTS
 randy.roberts@sherwood.net
 T: (316)943-6491
 F:

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)