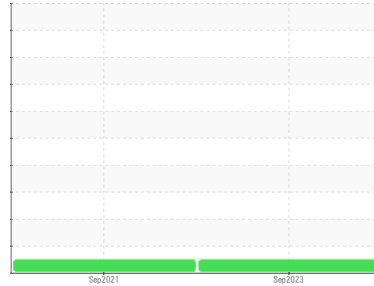




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44/HY - MOBILE EQUIPMENT
 Machine Id
54.26L [KANSAS^44^HY - MOBILE EQUIPMENT]

Component
Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- 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			WC0769740	WC0622821	---
Sample Date	Client Info			20 Sep 2023	14 Sep 2021	---
Machine Age	hrs	Client Info		2153	997	---
Oil Age	hrs	Client Info		1700	997	---
Oil Changed	Client Info			N/A	Oil Added	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.069	---	---
pH	Scale 0-14	ASTM D1287		7.56	8.47	---
Nitrites	ppm	AP-053:2009		488	260	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		51.0	50	---
Freezing Point	°F	ASTM D3321		-38	-38	---
Total Dissolved Solids				399.5	386.0	---
Carboxylate				pass	pass	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	25	33	---
Phosphorus	ppm	ASTM D6130	0	0	6	---
Boron	ppm	ASTM D6130	0	330	398	---
Molybdenum	ppm	ASTM D6130	950	616	718	---

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

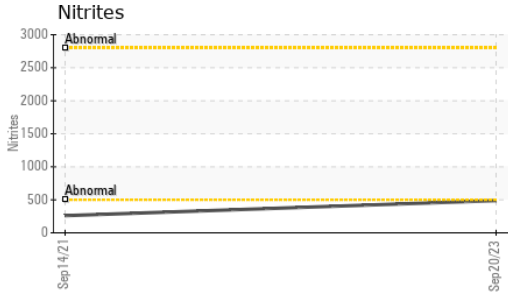
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		7	13	---

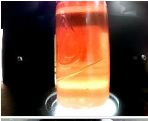



CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5485	3253	---
Potassium	ppm	ASTM D6130		383	155	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		4	2	---
Magnesium	ppm	ASTM D6130		2	3	---

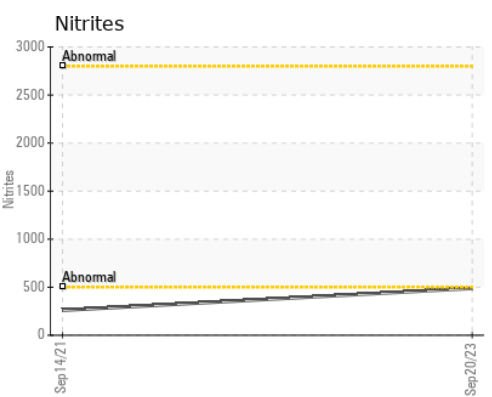
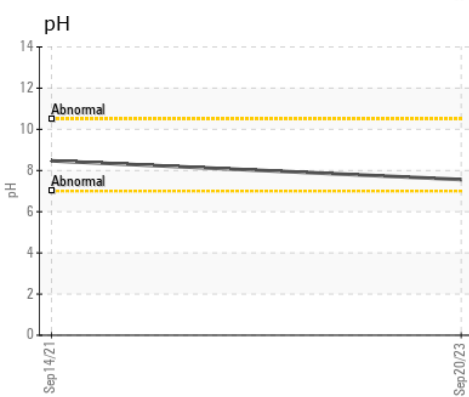
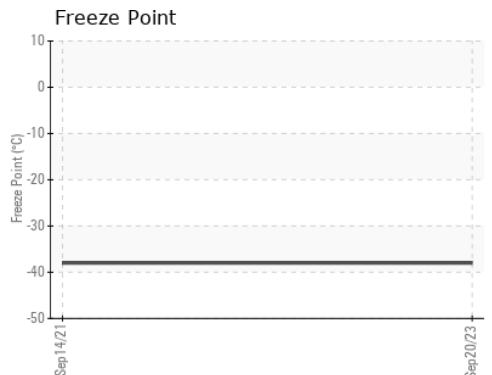
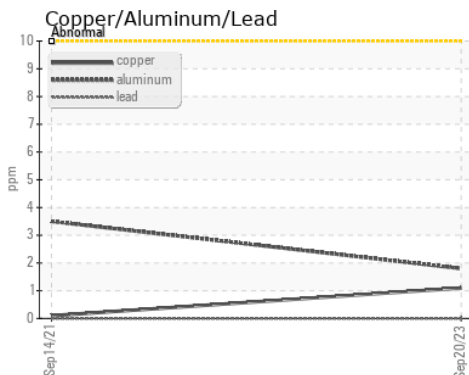
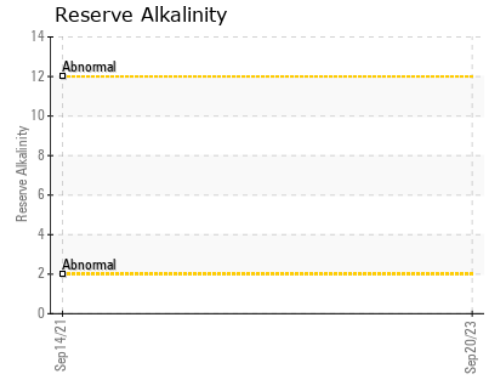
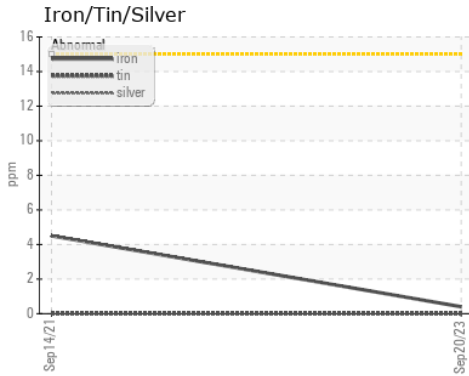


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Orange	Pink	---
Coolant Appearance	*Visual	Clear	normal	normal	---
Color					no image
Bottom					no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0769740 **Received** : 27 Sep 2023
Lab Number : 05962616 **Diagnosed** : 03 Oct 2023
Unique Number : 10669167 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, 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)