



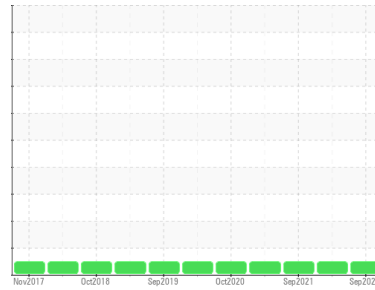
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/102/EG - LOADER
 Machine Id
47.10L [OKLAHOMA^102^EG - LOADER]
 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. 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		WC0849001	WC0713248	WC0560455
Sample Date	Client Info		19 Sep 2023	10 Sep 2022	14 Sep 2021
Machine Age	hrs	Client Info	11503	9504	8245
Oil Age	hrs	Client Info	1999	2000	0
Oil Changed		Client Info	Not Chngd	Changed	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.077	1.074	---
pH	Scale 0-14	ASTM D1287	7.72	7.63	7.83
Nitrites	ppm	AP-053:2009	864	712	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	57.6	55.5	54
Freezing Point	°F	ASTM D3321	-52	-47	-49
Total Dissolved Solids			444.0	406.0	414.0
Carboxylate			fail	pass	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	33	41	38
Phosphorus	ppm	ASTM D6130	0	0	0
Boron	ppm	ASTM D6130	0	0	0
Molybdenum	ppm	ASTM D6130	1106	1200	1200

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		2	1

CARRIER SALTS

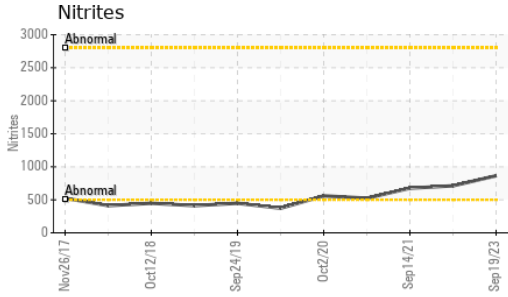
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		6287	2849
Potassium	ppm	ASTM D6130		234	128


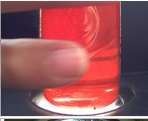




SCALE POTENTIAL

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

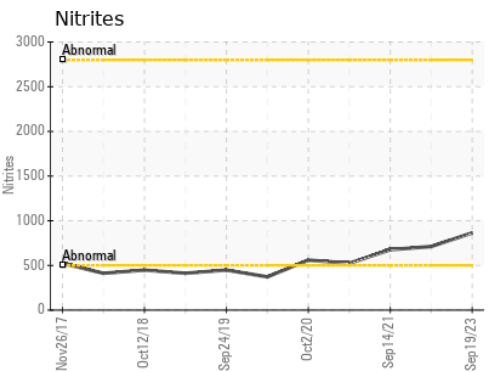
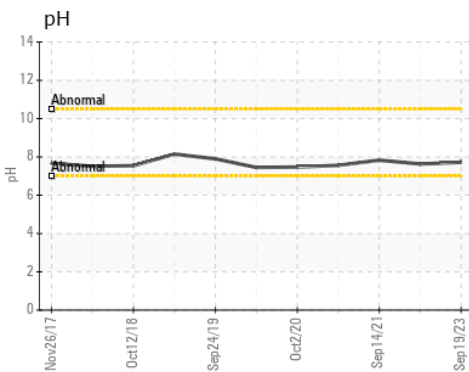
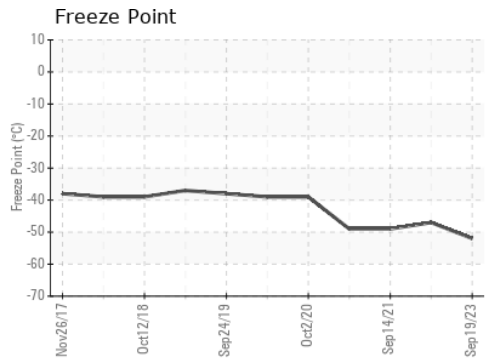
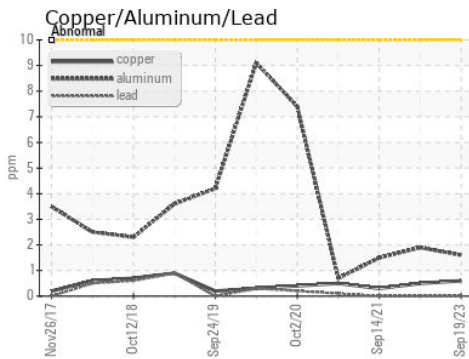
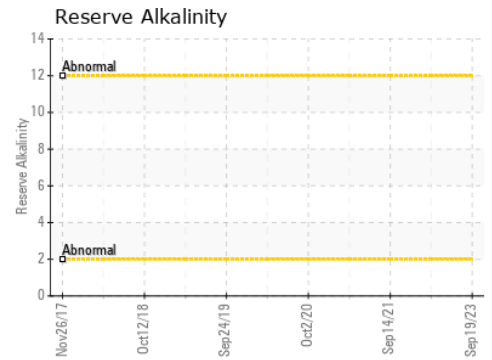
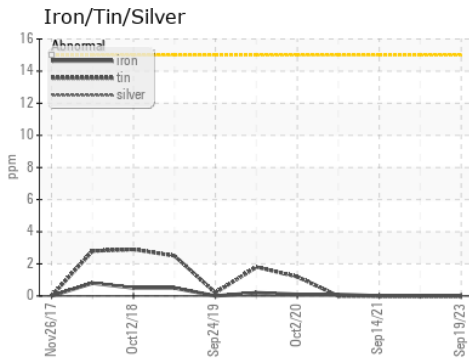


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0849001 **Received** : 25 Sep 2023
Lab Number : 05960278 **Diagnosed** : 27 Sep 2023
Unique Number : 10661491 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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 WICHITA, KS
 US 67213
 Contact: DOUG KING
 doug.king@sherwood.net
 T: (316)617-3161
 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)