

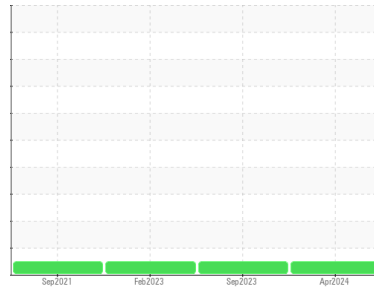


COOLANT REPORT



Area
OKLAHOMA/102/EG - LOADER
 Machine Id
45.53L [OKLAHOMA^102^EG - LOADER]
 Component
Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (9 GAL)

Sample Rating Trend



NORMAL



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			WC0873877	WC0849007	WC0792512
Sample Date	Client Info			12 Apr 2024	13 Sep 2023	28 Feb 2023
Machine Age	hrs	Client Info		4742	4117	3502
Oil Age	hrs	Client Info		4742	1000	500
Oil Changed	Client Info			Not Chngd	N/A	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	1.068
pH	Scale 0-14	ASTM D1287		7.05	7.09	7.12
Nitrites	ppm	AP-053:2009		600	372	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.2	50.2	50.6
Freezing Point	°F	ASTM D3321		-35	-35	-35
Total Dissolved Solids				329.5	361.0	383.0
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	20	47	64
Phosphorus	ppm	ASTM D6130	0	42	80	118
Boron	ppm	ASTM D6130	0	0	9	0
Molybdenum	ppm	ASTM D6130	950	633	843	1068

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0	<1	0
Aluminum	ppm	ASTM D6130	>10	<1	<1	0
Copper	ppm	ASTM D6130	>10	3	5	5
Lead	ppm	ASTM D6130	>10	<1	<1	<1
Tin	ppm	ASTM D6130	>10	0	<1	0
Zinc	ppm	ASTM D6130		0	1	<1

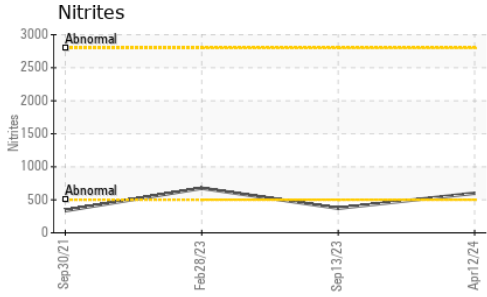
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		11	21	27

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		4173	5146	5909
Potassium	ppm	ASTM D6130		700	1396	2079

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		4	1	1
Magnesium	ppm	ASTM D6130		<1	<1	0

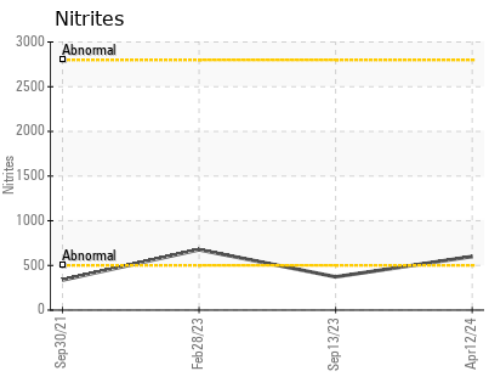
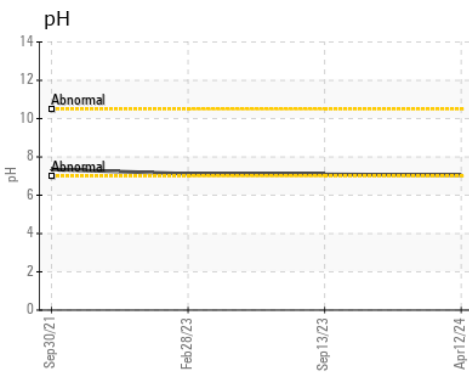
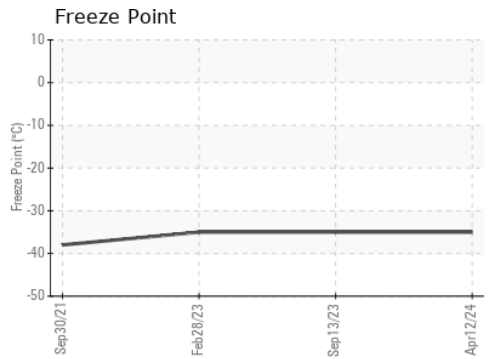
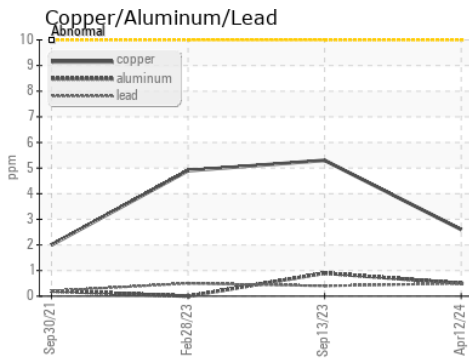
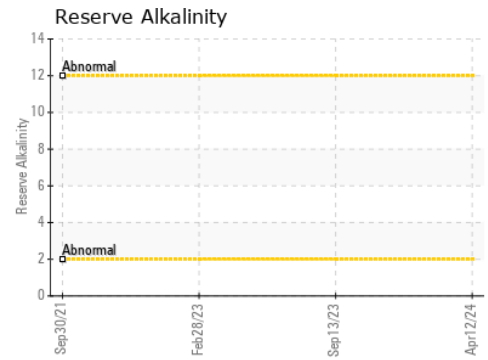
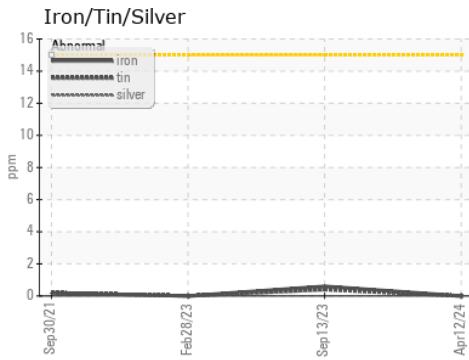


COOLANT REPORT



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. : WC0873877 **Received** : 10 May 2024
Lab Number : 06176002 **Tested** : 16 May 2024
Unique Number : 11022055 **Diagnosed** : 16 May 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

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)

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: