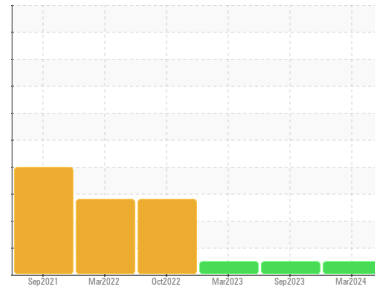




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
OKLAHOMA/102
 Machine Id
87.33 [OKLAHOMA^102]
 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. 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			WC0886900	WC0849000	WC0792433
Sample Date	Client Info			13 Mar 2024	19 Sep 2023	05 Mar 2023
Machine Age	hrs	Client Info		2770	2563	2023
Oil Age	hrs	Client Info		2770	1000	2023
Oil Changed	Client Info			N/A	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.083	1.084	1.087
pH	Scale 0-14	ASTM D1287		8.15	7.96	8.23
Nitrites	ppm	AP-053:2009		864	676	748
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		63.1	64.9	67.7
Freezing Point	°F	ASTM D3321		-62	-63	-66
Total Dissolved Solids				417.0	396.5	405.5
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		58	87	108
Phosphorus	ppm	ASTM D6130		2	0	18
Boron	ppm	ASTM D6130		99	166	254
Molybdenum	ppm	ASTM D6130		403	471	567

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	4	1	2
Aluminum	ppm	ASTM D6130	>10	<1	<1	<1
Copper	ppm	ASTM D6130	>10	0	2	3
Lead	ppm	ASTM D6130	>10	<1	0	1
Tin	ppm	ASTM D6130	>10	0	0	2
Zinc	ppm	ASTM D6130		0	3	3

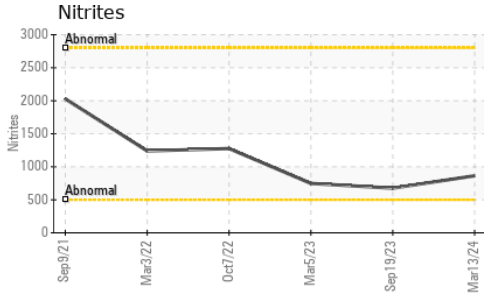
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		20	7	53

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		4172	4965	6085
Potassium	ppm	ASTM D6130		783	1315	2240

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		1	4	10
Magnesium	ppm	ASTM D6130		0	2	3

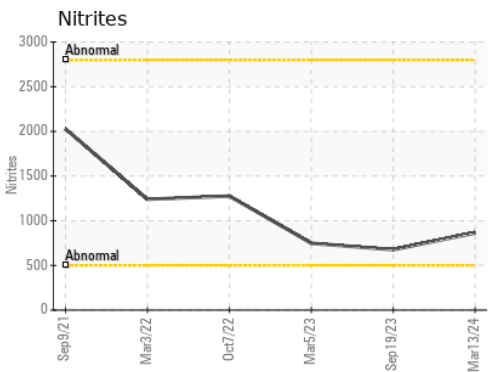
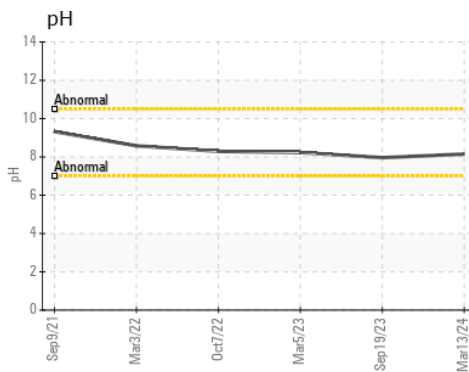
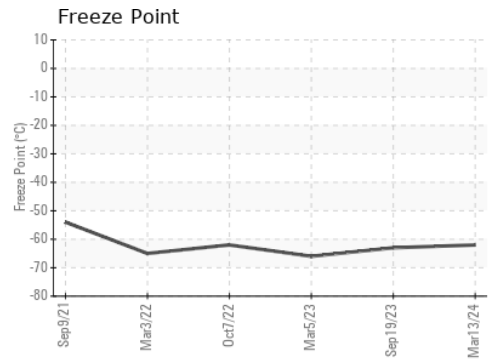
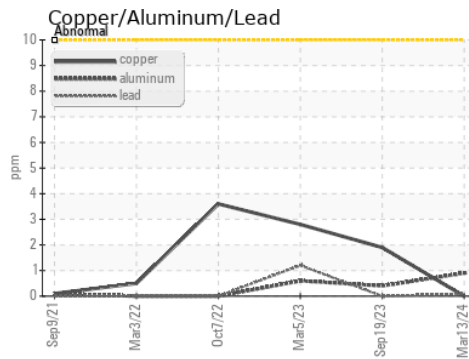
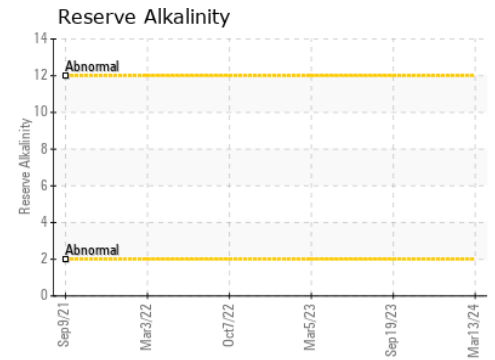
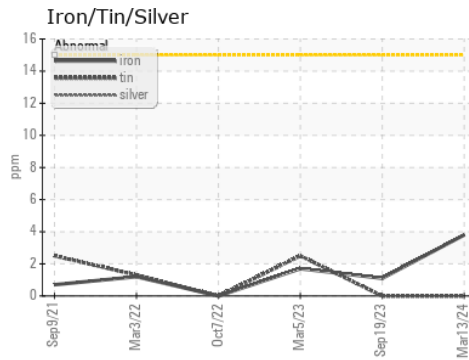


COOLANT REPORT



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. : WC0886900 **Received** : 28 Mar 2024
Lab Number : 06132602 **Tested** : 04 Apr 2024
Unique Number : 10952067 **Diagnosed** : 04 Apr 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)

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 Contact: DOUG KING
 Doug.King@sherwood.net

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