



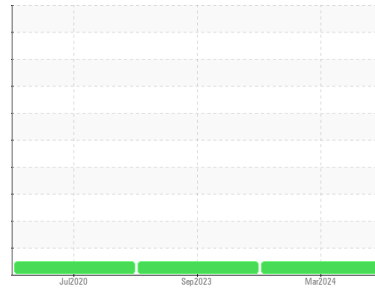
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/102/EG - SKID STEER
 Machine Id
53.148L [OKLAHOMA^102^EG - SKID STEER]
 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 pH level of this fluid is within the acceptable limits. Glycol and nitrite levels are acceptable.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0914578	WC0834048	WC0453804
Sample Date	Client Info		22 Mar 2024	27 Sep 2023	10 Jul 2020
Machine Age	hrs	Client Info	3770	2992	250
Oil Age	hrs	Client Info	3770	2992	0
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	1.067	---
pH	Scale 0-14	ASTM D1287	7.43	7.28	8.20
Nitrites	ppm	AP-053:2009	824	184	600
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	50.8	49.8	50
Freezing Point	°F	ASTM D3321	-35	-33	-37
Total Dissolved Solids			367.5	366.5	362.0
Carboxylate			fail	fail	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	6	15	6
Phosphorus	ppm	ASTM D6130	0	<1	41
Boron	ppm	ASTM D6130	0	13	0
Molybdenum	ppm	ASTM D6130	583	406	433

CORROSION

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D6130	>15	0	1	0
Aluminum	ppm	ASTM D6130	>10	2	9	2
Copper	ppm	ASTM D6130	>10	<1	1	0
Lead	ppm	ASTM D6130	>10	<1	1	0
Tin	ppm	ASTM D6130	>10	<1	1	<1
Zinc	ppm	ASTM D6130		3	43	0

CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		7	16	6

CARRIER SALTS

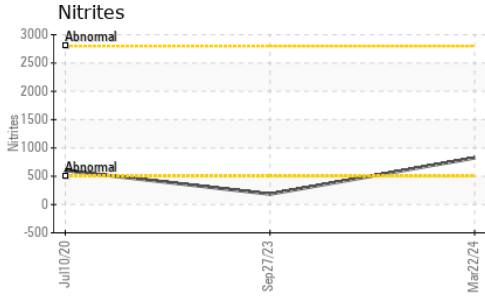
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		3557	2830	3129
Potassium	ppm	ASTM D6130		698	698	522

SCALE POTENTIAL

	method	limit/base	current	history1	history2	
Calcium	ppm	ASTM D6130		7	3	0
Magnesium	ppm	ASTM D6130		1	2	0

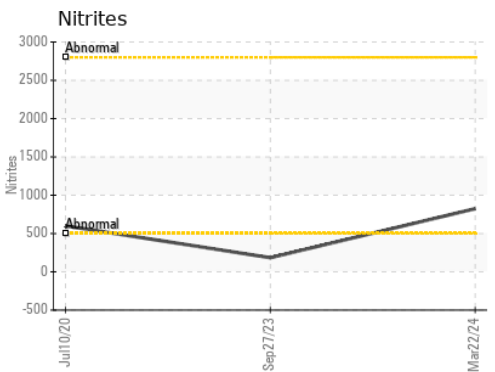
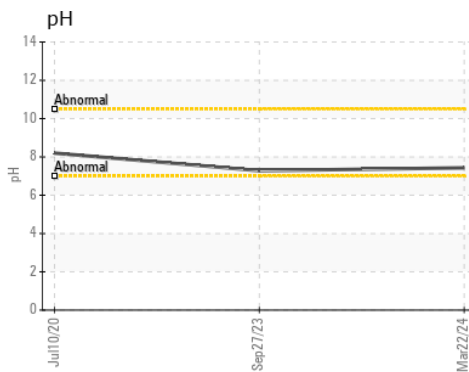
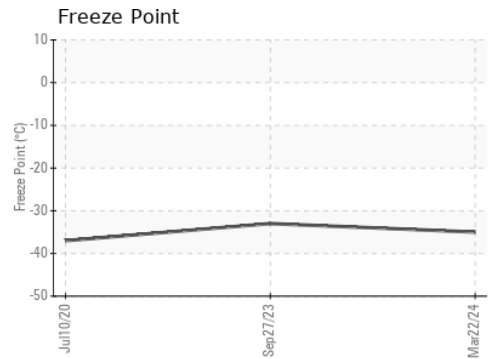
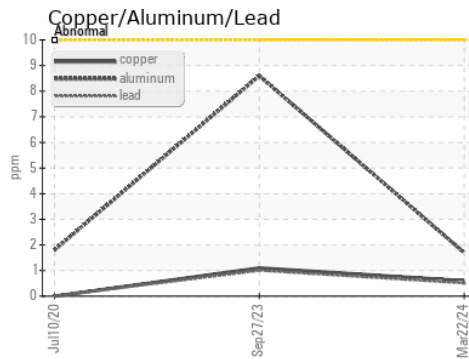
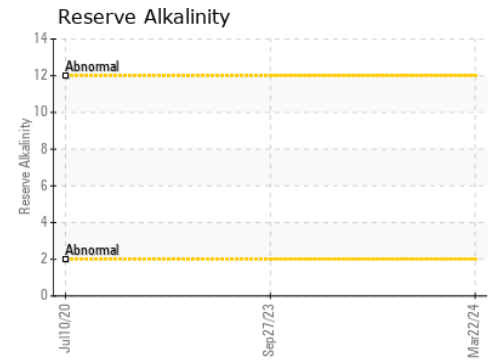
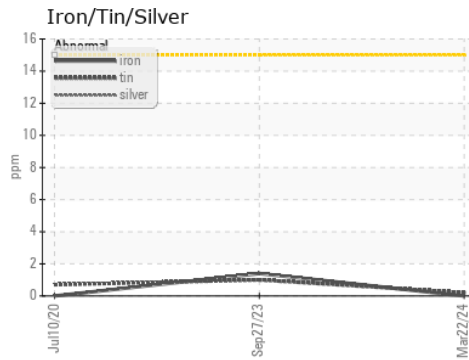


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0914578 **Received** : 05 Apr 2024
Lab Number : 06140449 **Tested** : 10 Apr 2024
Unique Number : 10965257 **Diagnosed** : 10 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

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 WICHITA, KS
 US 67213
 Contact: JASON ANDERSON
 jason.anderson@sherwood.net
 T: (918)609-8800
 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)