



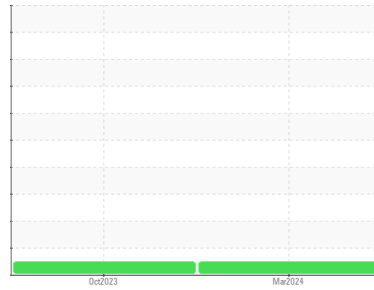
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/102/EG - SKID STEER
 Machine Id
53.180L [OKLAHOMA^102^EG - SKID STEER]
 Component
Radiator Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

Wear

All metal levels are normal indicating no corrosion in the cooling system.

Contamination

There is no indication of any contamination in the coolant.

Fluid 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		WC0914580	WC0862660	---
Sample Date	Client Info		13 Mar 2024	23 Oct 2023	---
Machine Age	hrs	Client Info	527	4	---
Oil Age	hrs	Client Info	527	4	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	NEG	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.067	1.068	---
pH	Scale 0-14 ASTM D1287		8.25	8.51	---
Nitrites	ppm AP-053:2009		636	788	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		49.3	50.3	---
Freezing Point	°F ASTM D3321		-33	-35	---
Total Dissolved Solids			338.5	346.0	---
Carboxylate			fail	fail	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		2	3	---
Phosphorus	ppm ASTM D6130		5	2	---
Boron	ppm ASTM D6130		0	0	---
Molybdenum	ppm ASTM D6130		611	676	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130		0	0	---
Aluminum	ppm ASTM D6130		2	2	---
Copper	ppm ASTM D6130		<1	0	---
Lead	ppm ASTM D6130		<1	<1	---
Tin	ppm ASTM D6130		<1	<1	---
Zinc	ppm ASTM D6130		<1	0	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		15	10	---

CARRIER SALTS

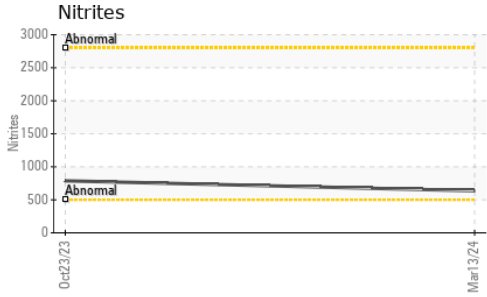
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		3379	3799	---
Potassium	ppm ASTM D6130		817	123	---

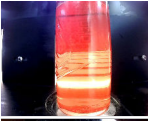



SCALE POTENTIAL

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

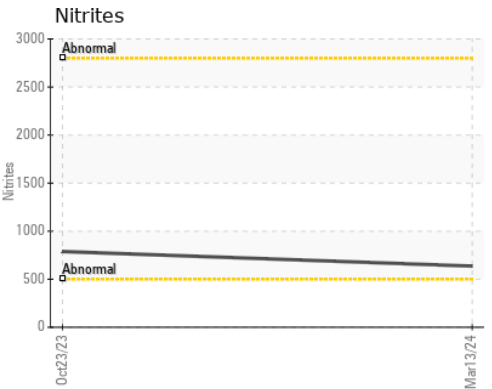
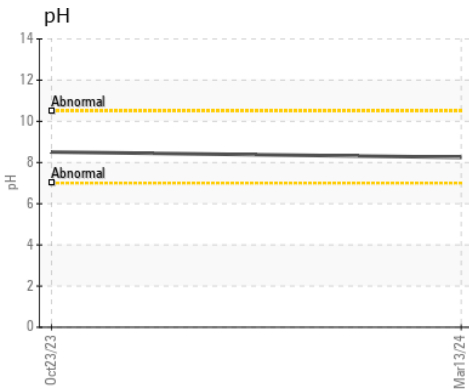
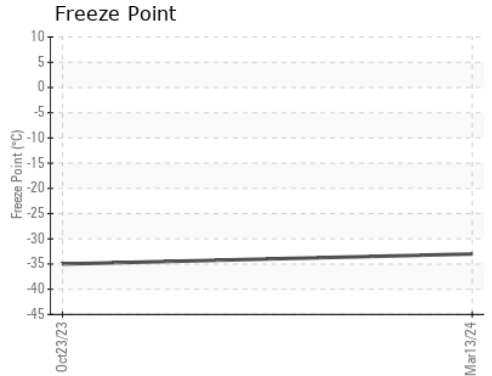
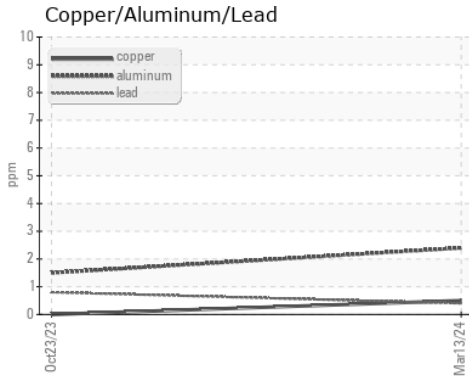
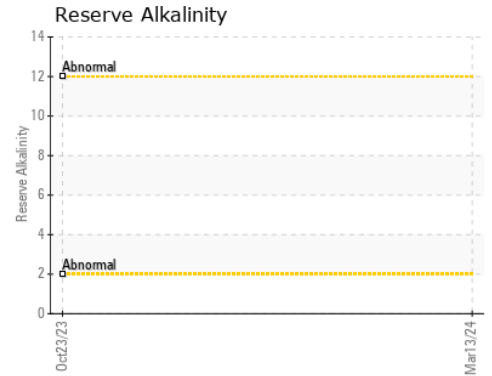
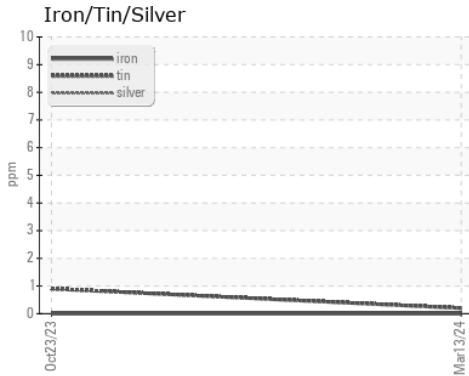


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0914580 **Received** : 05 Apr 2024
Lab Number : **06140448** **Tested** : 10 Apr 2024
Unique Number : 10965256 **Diagnosed** : 10 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: BILL ORCUTT
 william.orcutt@wildcat.net

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)