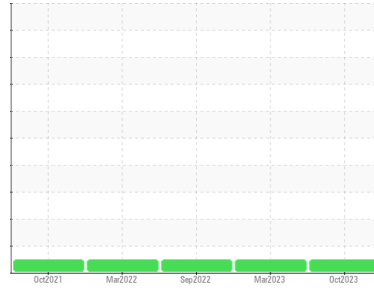




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/1151/COOL - SKID STEER
 Machine Id
53.156L [OKLAHOMA^1151^COOL - SKID STEER]

Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (3 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			WC0848838	WC0769730	WC0726287
Sample Date	Client Info			16 Oct 2023	02 Mar 2023	08 Sep 2022
Machine Age	hrs	Client Info		2835	2638	2467
Oil Age	hrs	Client Info		500	500	2467
Oil Changed	Client Info			Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.068	1.085	1.085
pH	Scale 0-14	ASTM D1287		8.30	7.43	7.35
Nitrites	ppm	AP-053:2009		636	600	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.9	65.6	65.8
Freezing Point	°F	ASTM D3321		-35	-64	-64
Total Dissolved Solids				318.0	329.0	321.0
Carboxylate				fail	pass	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		9	93	65
Phosphorus	ppm	ASTM D6130		7	31	29
Boron	ppm	ASTM D6130		11	270	233
Molybdenum	ppm	ASTM D6130		680	25	20

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0	0	0
Aluminum	ppm	ASTM D6130	>10	1	2	<1
Copper	ppm	ASTM D6130	>10	0	3	2
Lead	ppm	ASTM D6130	>10	<1	<1	0
Tin	ppm	ASTM D6130	>10	<1	<1	<1
Zinc	ppm	ASTM D6130		0	8	5

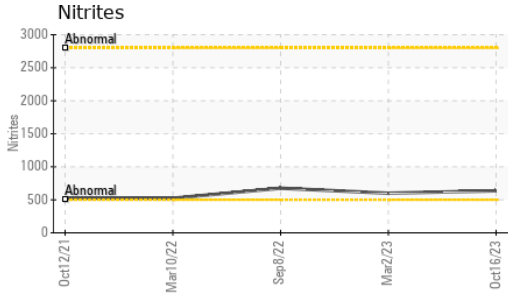
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		9	30	3


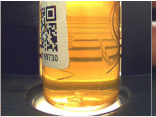
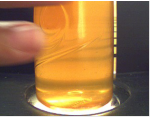
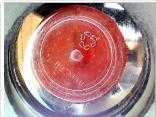
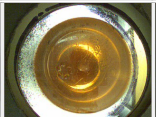

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3875	2159	1033
Potassium	ppm	ASTM D6130		295	8999	2265

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		2	4	3
Magnesium	ppm	ASTM D6130		4	28	22

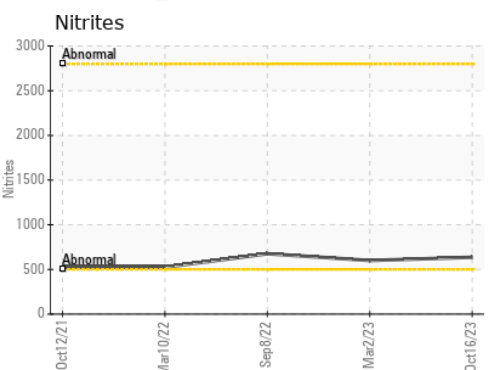
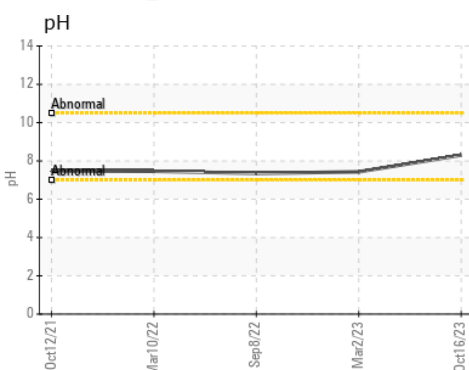
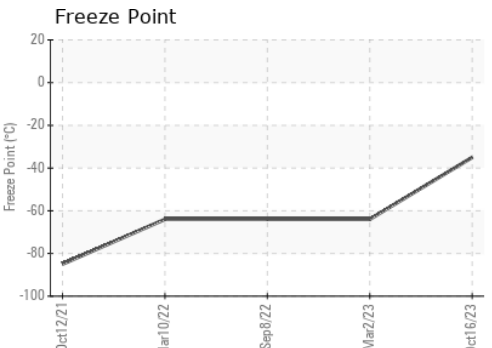
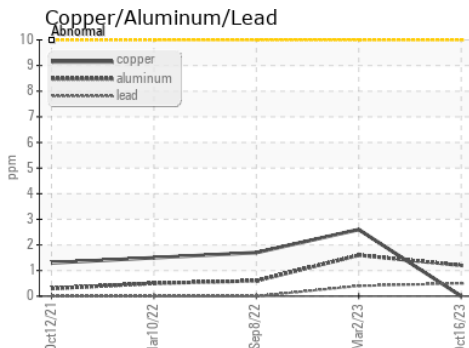
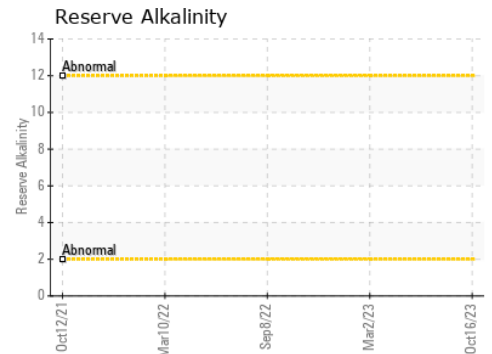
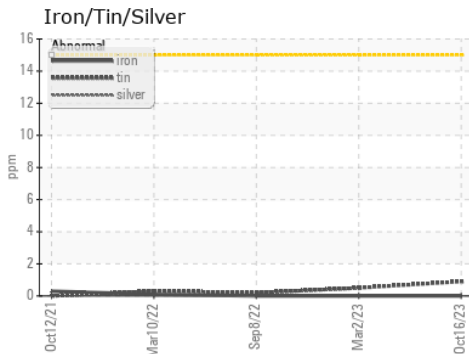


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848838 **Received** : 03 Nov 2023
Lab Number : 05998331 **Diagnosed** : 07 Nov 2023
Unique Number : 10726691 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: SHAWN SOUTH
 shawn.south@sherwood.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)

T: x:
F: x: