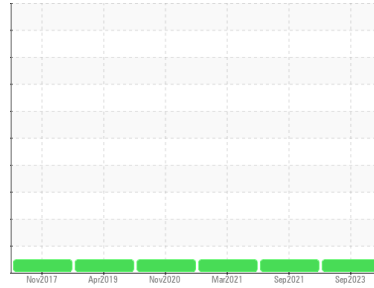




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/102/EG - MOTOR GRADER
 Machine Id
78.80 [OKLAHOMA^102^EG - MOTOR GRADER]
 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. The glycol level is acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0769742	WC0590298	WC0562757
Sample Date	Client Info			20 Sep 2023	08 Sep 2021	11 Mar 2021
Machine Age	hrs	Client Info		22872	1366	1253
Oil Age	hrs	Client Info		600	0	212
Oil Changed	Client Info			N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.067	---	---
pH	Scale 0-14	ASTM D1287		8.20	8.40	8.15
Nitrites	ppm	AP-053:2009		560	636	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.8	49	50
Freezing Point	°F	ASTM D3321		-33	-37	-37
Total Dissolved Solids				350.5	354.5	397.5
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		20	22	38
Phosphorus	ppm	ASTM D6130		0	3	3
Boron	ppm	ASTM D6130		4	0	0
Molybdenum	ppm	ASTM D6130		928	1106	1200

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0	<1	3
Aluminum	ppm	ASTM D6130	>10	0	<1	19
Copper	ppm	ASTM D6130	>10	<1	<1	<1
Lead	ppm	ASTM D6130	>10	0	0	1
Tin	ppm	ASTM D6130	>10	0	0	<1
Zinc	ppm	ASTM D6130		0	0	<1

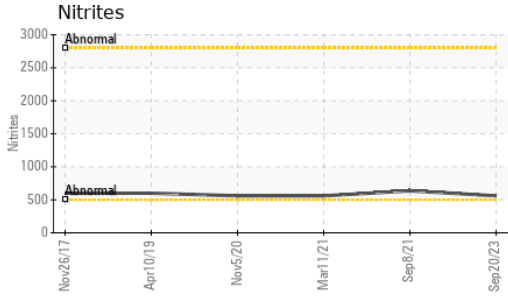
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		9	6	22

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5311	3430	3078
Potassium	ppm	ASTM D6130		7	16	24

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		4	<1	4
Magnesium	ppm	ASTM D6130		1	1	5

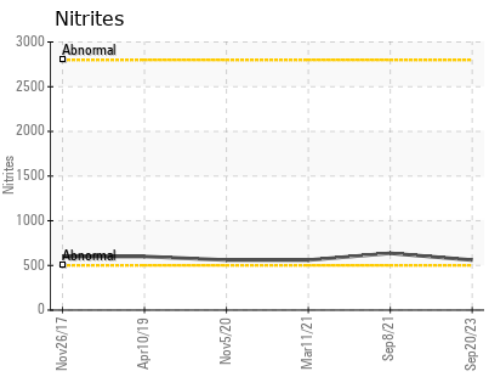
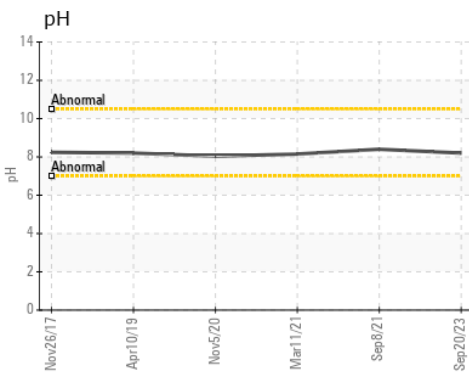
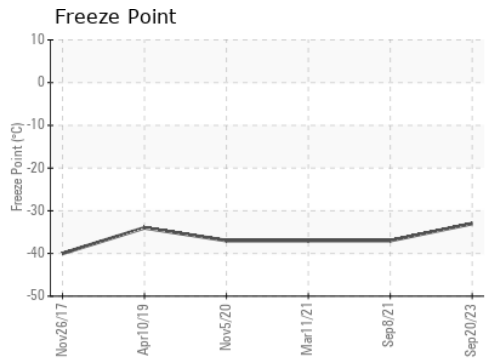
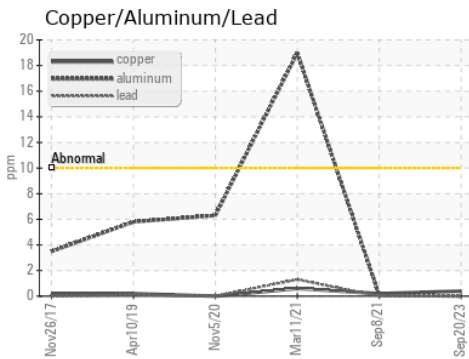
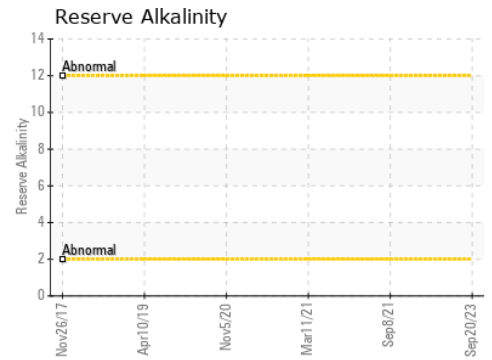
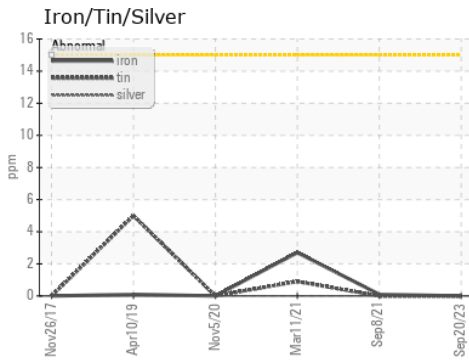


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0769742 **Received** : 27 Sep 2023
Lab Number : 05962626 **Diagnosed** : 03 Oct 2023
Unique Number : 10669177 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: JIMMY DERAMUS
 jimmy.deramus@sherwood.net
 T: (918)691-3306
 F: x:

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)