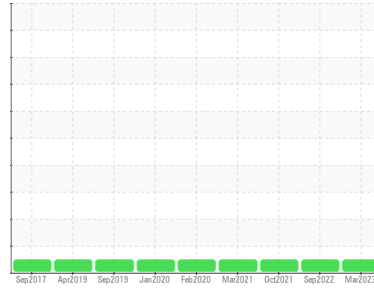




COOLANT REPORT

Area
KANSAS/44/EG - DOZER
 Machine Id
39.62 [KANSAS^44^EG - DOZER]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

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

The carboxylate level of this fluid is acceptable. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0779827	WC0673589	WC0627872
Sample Date	Client Info		02 Mar 2023	19 Sep 2022	14 Oct 2021
Machine Age	hrs	Client Info	8579	8349	6601
Oil Age	hrs	Client Info	5603	5605	998
Oil Changed	Client Info		N/A	Not Changd	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.067	1.067	---
pH	Scale 0-14 ASTM D1287		8.06	8.18	7.43
Nitrites	ppm AP-053:2009		600	560	372
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		49.8	49.9	50
Freezing Point	°F ASTM D3321		-33	-33	-38
Total Dissolved Solids			304.0	348.5	389.5
Carboxylate			pass	fail	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		22	20	32
Phosphorus	ppm ASTM D6130		0	34	<1
Boron	ppm ASTM D6130		0	0	0
Molybdenum	ppm ASTM D6130		1200	1147	1124

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		27	6	37

CARRIER SALTS

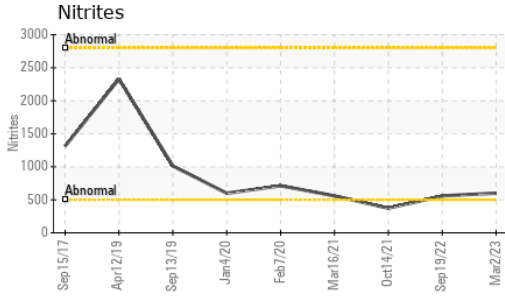
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		6316	3164	4092
Potassium	ppm ASTM D6130		29	34	52

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		4	2	5
Magnesium	ppm ASTM D6130		<1	<1	4

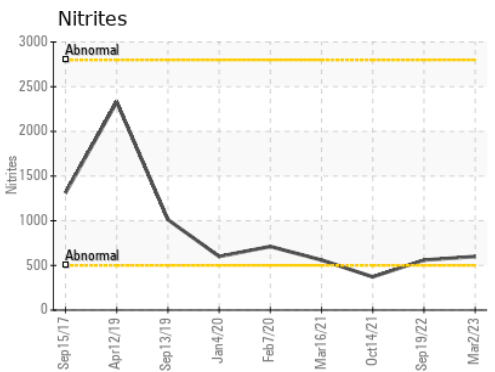
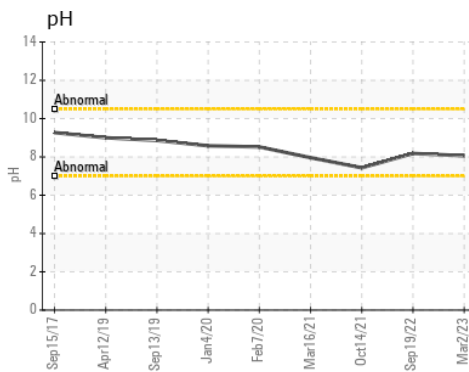
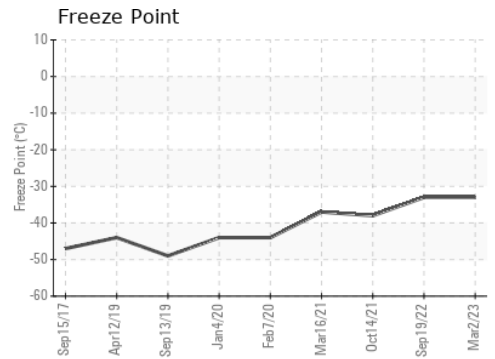
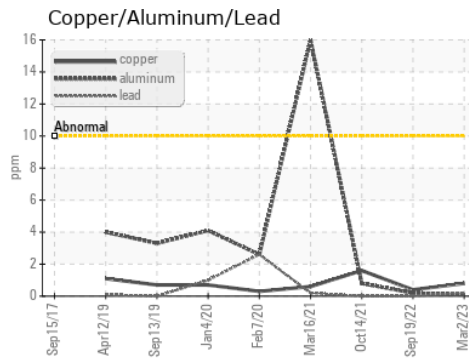
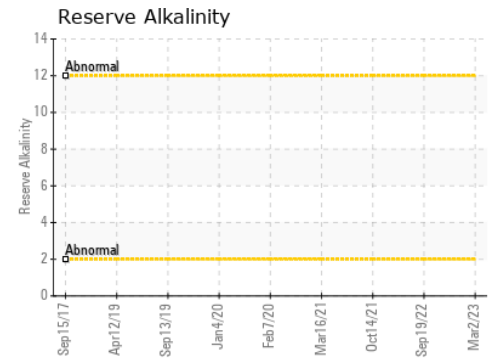
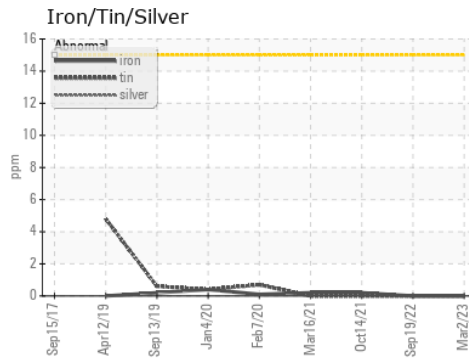


COOLANT REPORT



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. : WC0779827 **Received** : 09 Mar 2023
Lab Number : 05787774 **Diagnosed** : 14 Mar 2023
Unique Number : 10372445 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: DOUG KING
 doug.king@sherwood.net
 T: (316)617-3161
 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)