



COOLANT REPORT

CORROSION

NORMAL

CONTAMINANTS

NORMAL

COOLANT CONDITION

NORMAL



Area

OKLAHOMA/102/EG - ROLLER/COMPACTOR

Machine Id

64.35L [OKLAHOMA^102^EG - ROLLER/COMPACTOR]

Component

Coolant

Fluid

CAT EXTENDED LIFE COOLANT (ELC) (7 GAL)

RECOMMENDATION

No corrective action is recommended at this time. The fluid is suitable for further service. (Customer Sample Comment: 2575 hrs)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0819840	WC0590319	WC0527863
Sample Date		Client Info		25 Sep 2023	03 Sep 2021	11 Mar 2021
Machine Age	hrs	Client Info		2575	820	425
Oil Age	hrs	Client Info		2289	500	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D6130	>15	2	<1	<1
Aluminum	ppm	ASTM D6130	>10	1	<1	18
Copper	ppm	ASTM D6130	>10	2	<1	<1
Lead	ppm	ASTM D6130	>10	1	<1	<1
Tin	ppm	ASTM D6130	>10	1	<1	<1
Zinc	ppm	ASTM D6130	>10	12	2	<1

CONTAMINANTS

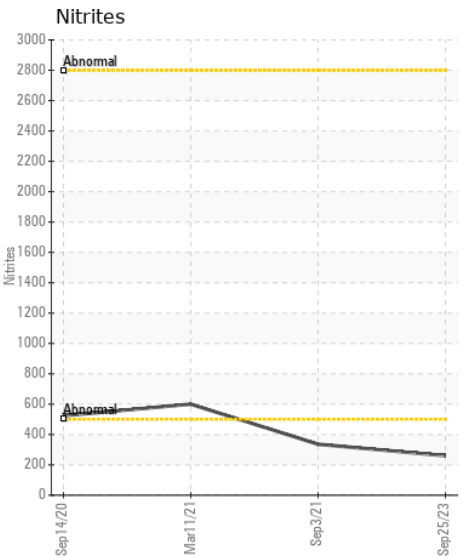
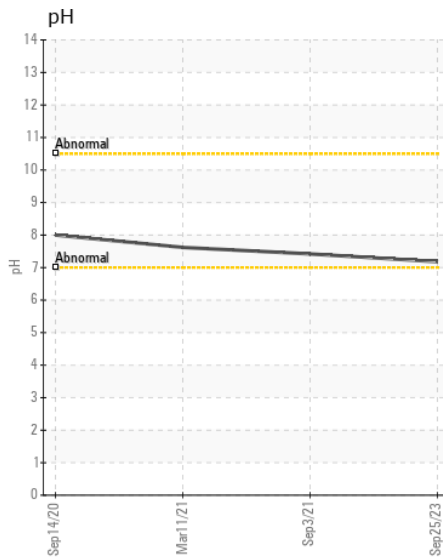
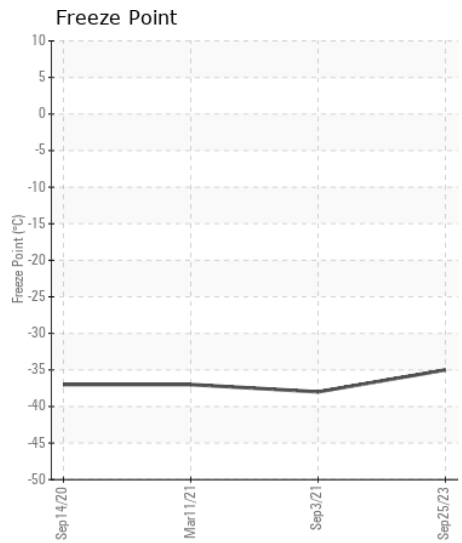
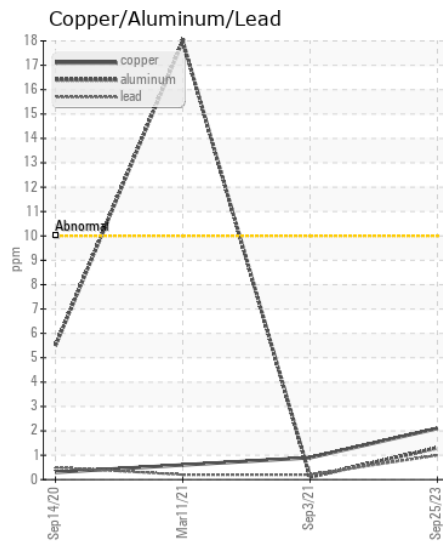
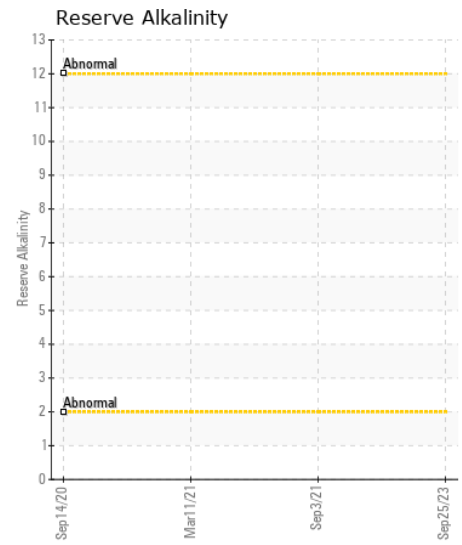
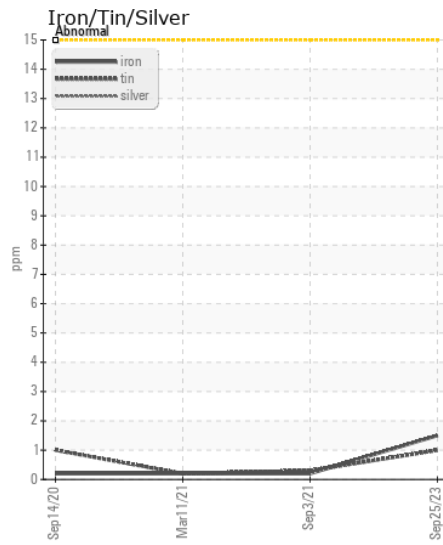
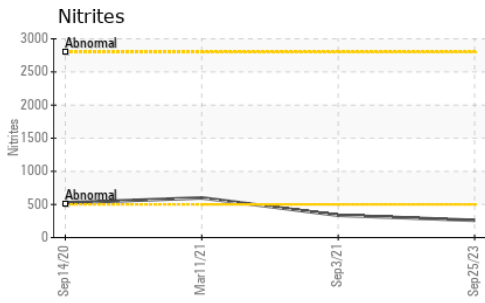
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130		5	4	4
Chlorine	ppm	ASTM D6130		12	13	17
Magnesium	ppm	ASTM D6130		4	5	7
Total Dissolved Solids				362.5	366.5	395.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

COOLANT CONDITION

Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

Specific Gravity		*ASTM D1298		1.068	---	---
pH	Scale 0-14	ASTM D1287		7.18	7.42	7.62
Nitrites	ppm	AP-053:2009		260	336	600
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.3	50	50
Freezing Point	°F	ASTM D3321		-35	-38	-37
Carboxylate				fail	pass	pass
Silicon	ppm	ASTM D6130	0	11	31	24
Phosphorus	ppm	ASTM D6130	0	4	4	8
Boron	ppm	ASTM D6130	0	9	<1	0
Molybdenum	ppm	ASTM D6130	950	645	1195	1200
Sodium	ppm	ASTM D6130		4123	3160	3131
Potassium	ppm	ASTM D6130		112	75	86
Coolant Color		*Visual		Red	Red	Orange



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0819840 **Received** : 02 Oct 2023
Lab Number : 05967297 **Tested** : 06 Oct 2023
Unique Number : 10673848 **Diagnosed** : 08 Oct 2023 - 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)