

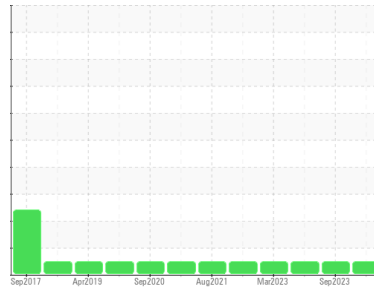


COOLANT REPORT



Area
OKLAHOMA/102/DE- SCRAPER
 Machine Id
74.27 [OKLAHOMA^102^DE- SCRAPER]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

Sample Rating Trend



NORMAL



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. Glycol and nitrite levels are acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0914428	WC0819836	WC0746803
Sample Date	Client Info			22 Mar 2024	25 Sep 2023	22 Mar 2023
Machine Age	hrs	Client Info		9359	9327	8632
Oil Age	hrs	Client Info		0	9327	8632
Oil Changed	Client Info			N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.068	1.067	1.067
pH	Scale 0-14	ASTM D1287		7.64	7.51	7.58
Nitrites	ppm	AP-053:2009		636	260	412
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.4	49.9	49.9
Freezing Point	°F	ASTM D3321		-35	-33	-33
Total Dissolved Solids				287.0	351.0	383.0
Carboxylate				fail	fail	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		4	8	26
Phosphorus	ppm	ASTM D6130		0	4	<1
Boron	ppm	ASTM D6130		0	9	9
Molybdenum	ppm	ASTM D6130		692	681	1169

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

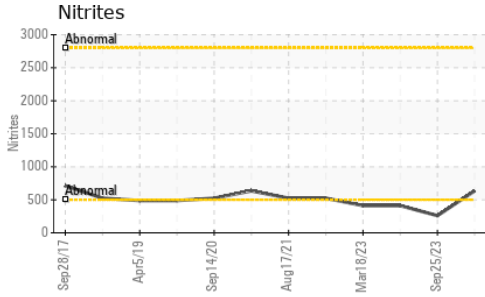
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		32	23	51



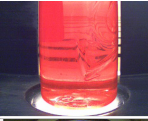



CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		4277	4215	6260
Potassium	ppm	ASTM D6130		8	43	39

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		1	4	3
Magnesium	ppm	ASTM D6130		3	4	4

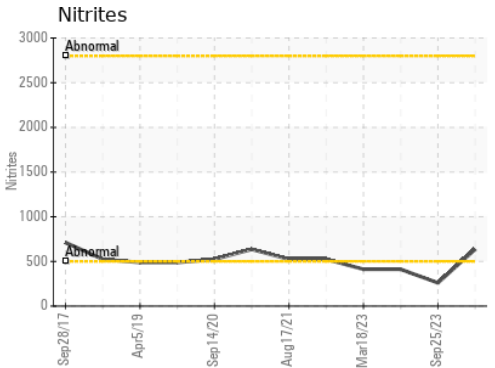
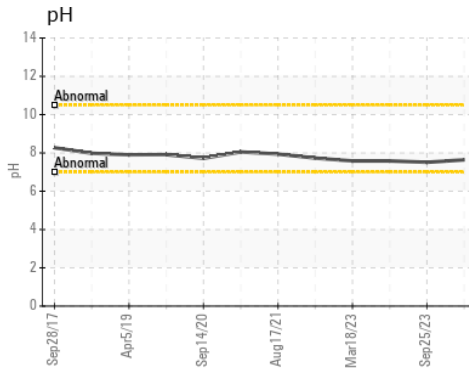
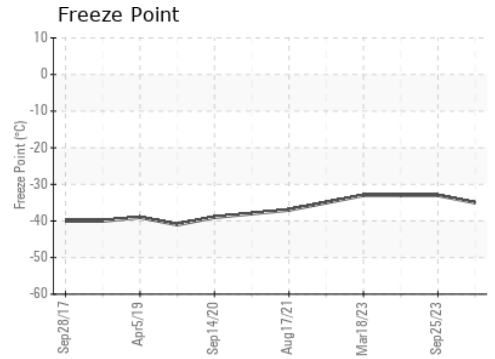
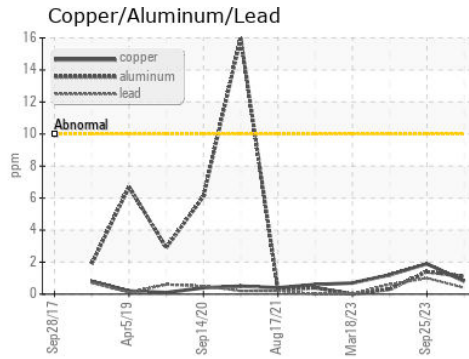
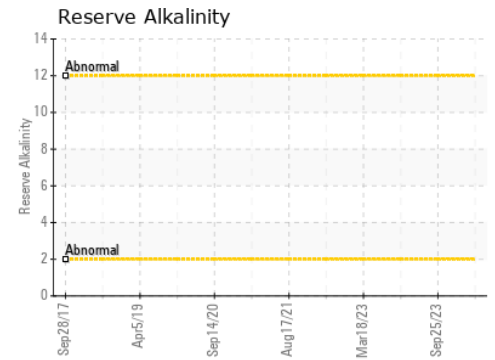
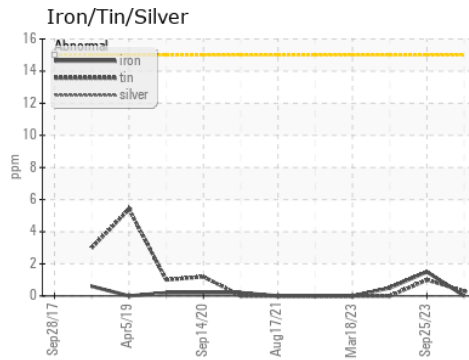


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0914428 **Received** : 05 Apr 2024
Lab Number : **06140444** **Tested** : 10 Apr 2024
Unique Number : 10965252 **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)

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