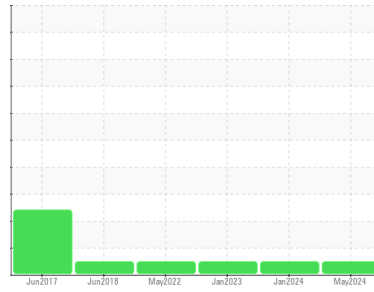




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
KANSAS/44/Sh-Bulk Tanks
 Machine Id
Shop 3 Tanks [KANSAS^44^Sh-Bulk Tanks]
 Component
Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- 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		WC0918047	WC0862548	WC0746060
Sample Date	Client Info		10 May 2024	03 Jan 2024	17 Jan 2023
Machine Age	hrs	Client Info	0	0	6927
Oil Age	hrs	Client Info	0	0	6927
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.067	1.067	1.067
pH	Scale 0-14 ASTM D1287		7.98	8.13	8.14
Nitrites	ppm AP-053:2009		788	712	712
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		49.4	49.6	49.8
Freezing Point	°F ASTM D3321		-33	-33	-33
Total Dissolved Solids			333.0	298.5	307.0
Carboxylate			fail	fail	pass

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	0	1	4	21
Phosphorus	ppm ASTM D6130	0	0	8	0
Boron	ppm ASTM D6130	0	0	4	8
Molybdenum	ppm ASTM D6130	950	747	641	955

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		2	18	7

CARRIER SALTS

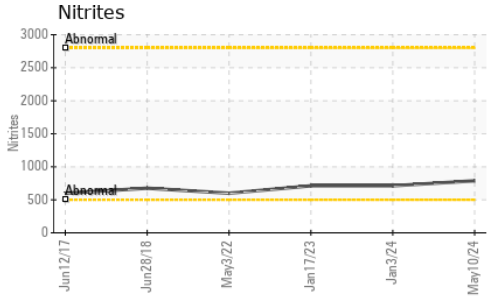
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		4371	3829	4403
Potassium	ppm ASTM D6130		15	33	47

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		0	2	<1
Magnesium	ppm ASTM D6130		0	2	<1

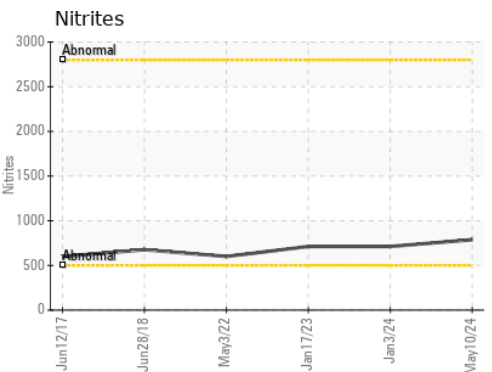
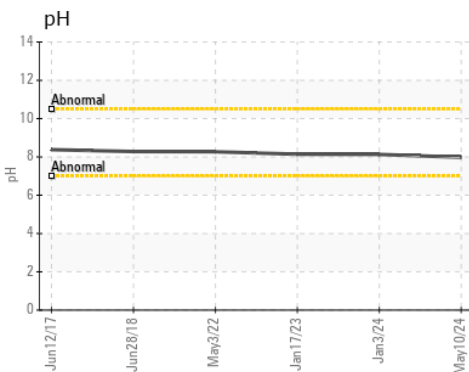
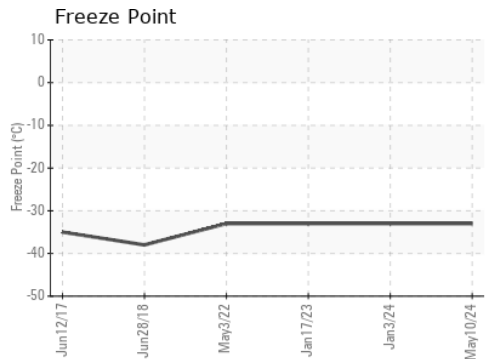
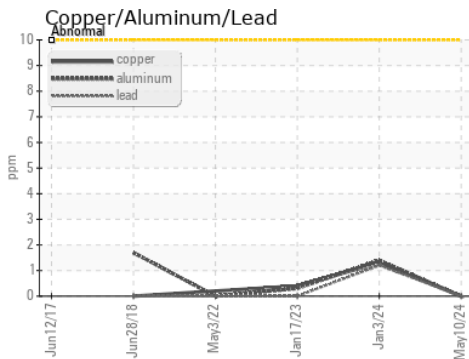
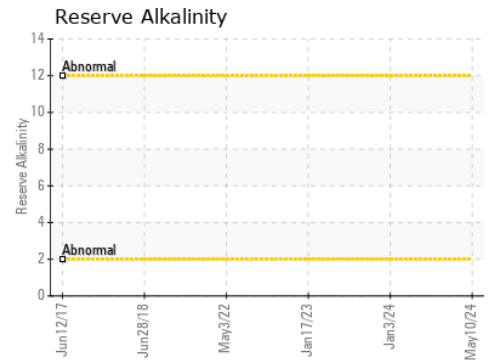
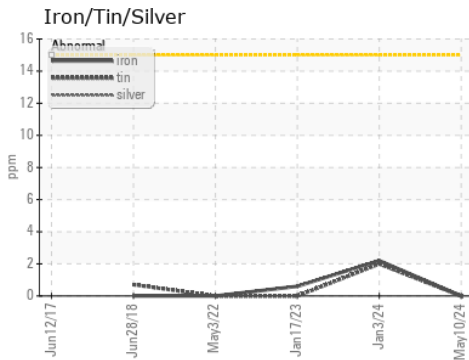


COOLANT REPORT



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. : WC0918047
Lab Number : 06183267
Unique Number : 11034593
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)
Received : 17 May 2024
Tested : 24 May 2024
Diagnosed : 24 May 2024 - Jonathan Hester

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)