



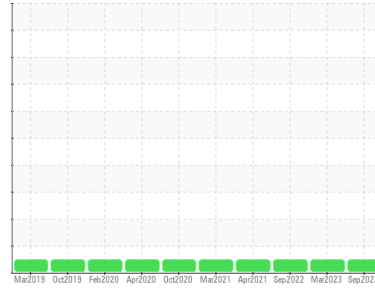
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
OKLAHOMA/3/DE - OTHER SERVICE
 Machine Id
53.136L [OKLAHOMA^3^DE - OTHER SERVICE]
 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. 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	WC0848962	WC0670238	WC0741127
Sample Date	Client Info	14 Sep 2023	03 Mar 2023	14 Sep 2022
Machine Age	hrs	Client Info	7099	5318
Oil Age	hrs	Client Info	6928	5318
Oil Changed	Client Info	Not Chngd	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298	1.064	1.067	1.060
pH	Scale 0-14 ASTM D1287	8.05	8.39	8.28
Nitrites	ppm AP-053:2009	600	488	12
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	47.3	49.3	44.0
Freezing Point	°F ASTM D3321	-28	-33	-21
Total Dissolved Solids		294.5	298.0	295.5
Carboxylate		fail	pass	fail

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130 0	5	20	15
Phosphorus	ppm ASTM D6130 0	0	0	0
Boron	ppm ASTM D6130 0	0	0	0
Molybdenum	ppm ASTM D6130 950	668	1162	962

CORROSION

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

CONTAMINANTS

method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130	82	27	<1

CARRIER SALTS

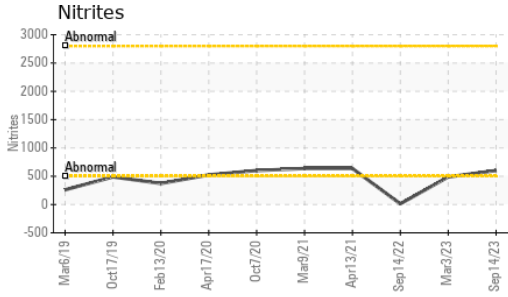
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	3862	6137	2511
Potassium	ppm ASTM D6130	3760	40	8


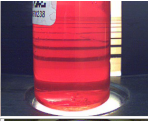
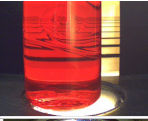

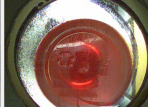

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130	7	22	2
Magnesium	ppm ASTM D6130	<1	1	2

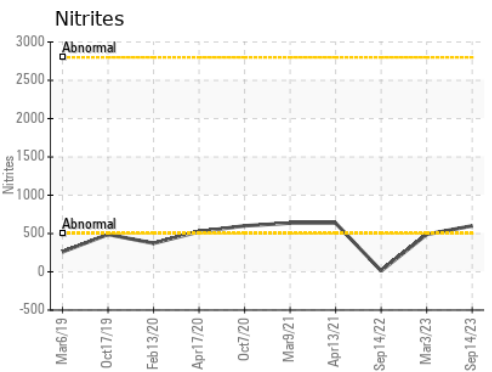
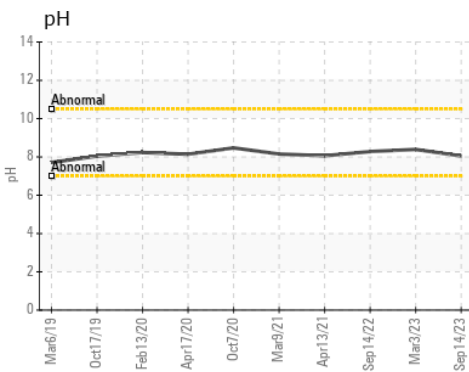
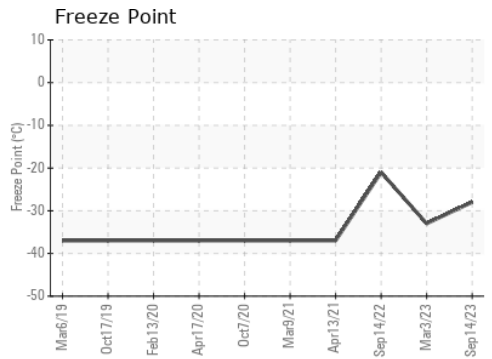
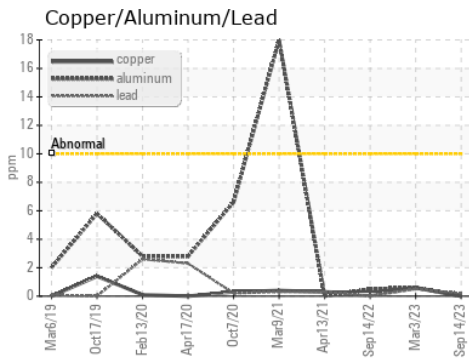
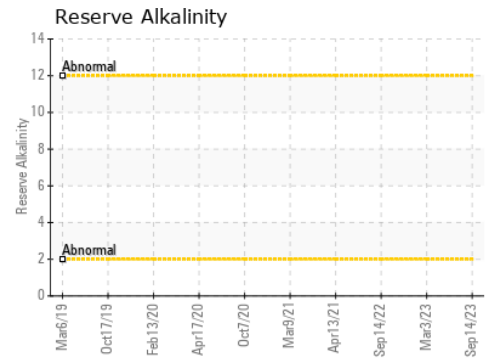
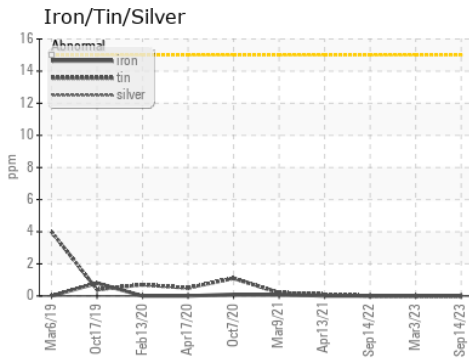


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848962 **Received** : 22 Sep 2023
Lab Number : 05958883 **Diagnosed** : 26 Sep 2023
Unique Number : 10660096 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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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)