



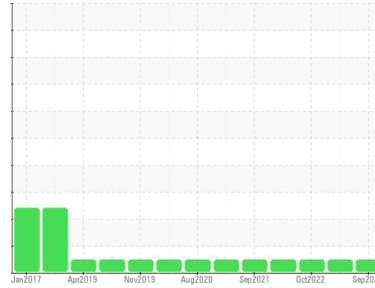
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
KANSAS/44/EG - TRUCK-OFF-HWY-HEAVY HAUL
 Machine Id
69.99L [KANSAS^44^EG - TRUCK-OFF-HWY-HEAVY HAUL]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- 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	WC0781179	WC0779886	WC0673481
Sample Date	Client Info	22 Sep 2023	27 Feb 2023	03 Oct 2022
Machine Age	hrs	8009	7602	7389
Oil Age	hrs	8009	7602	7389
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed
Sample Status		NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298	1.069	1.068	1.068
pH	Scale 0-14 ASTM D1287	7.67	8.00	8.19
Nitrites	ppm AP-053:2009	488	636	524
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	51.2	50.8	50.7
Freezing Point	°F ASTM D3321	-38	-35	-35
Total Dissolved Solids		363.5	299.0	322.0
Carboxylate		fail	pass	pass

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	17	44	24
Phosphorus	ppm ASTM D6130	<1	1	0
Boron	ppm ASTM D6130	12	15	3
Molybdenum	ppm ASTM D6130	558	1200	1162

CORROSION

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

CONTAMINANTS

method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130	18	58	8

CARRIER SALTS

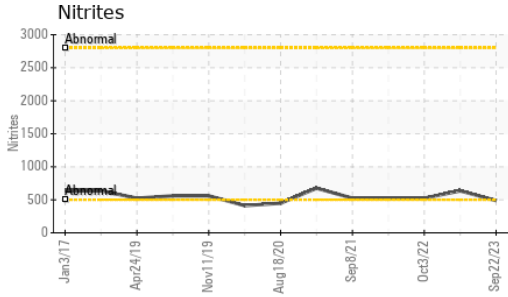
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	3607	6612	4984
Potassium	ppm ASTM D6130	177	138	75

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130	4	6	3
Magnesium	ppm ASTM D6130	3	5	3

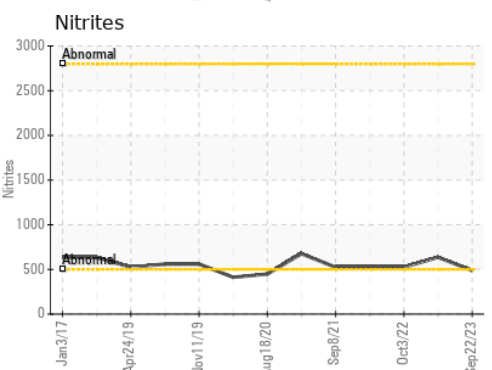
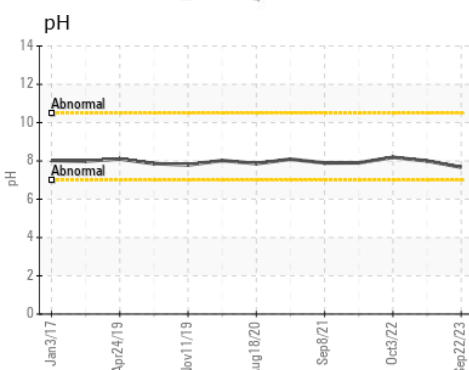
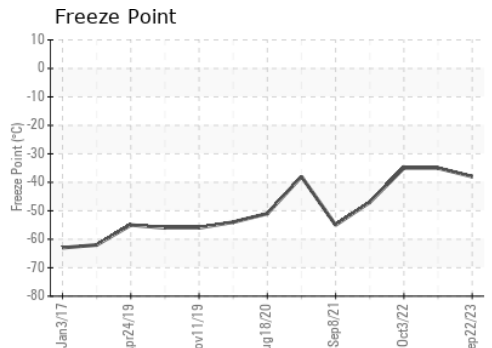
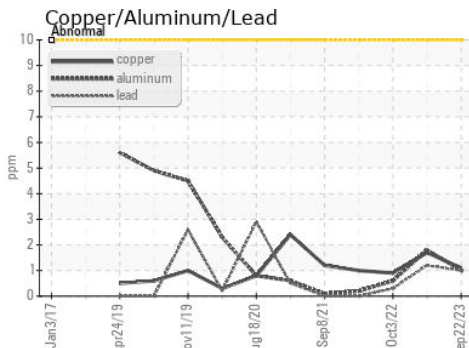
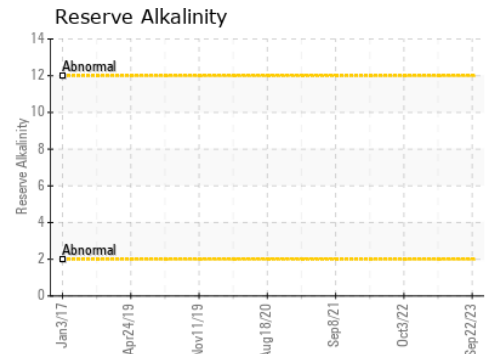
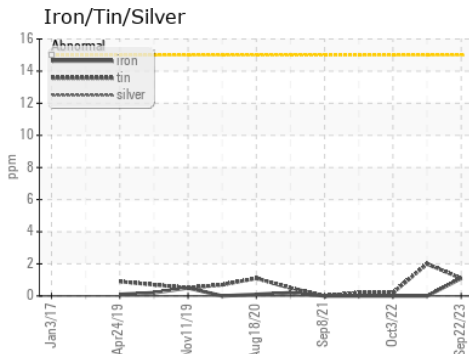


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0781179 **Received** : 28 Sep 2023
Lab Number : 05963894 **Diagnosed** : 04 Oct 2023
Unique Number : 10670445 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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 3219 WEST MAY ST
 WICHITA, KS
 US 67213
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 doug.king@sherwood.net
 T: (316)617-3161
 F:

Certificate L2367
 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)