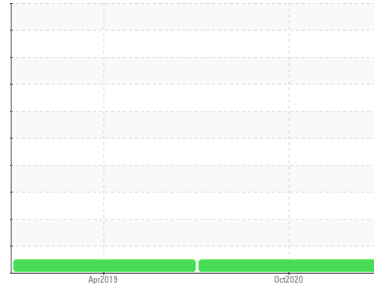




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
KANSAS/44/EG - TRUCK-ON-HWY-HEAVY DUTY
 Machine Id
06.39 [KANSAS^44^EG - TRUCK-ON-HWY-HEAVY DUTY]
 Component
Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

DIAGNOSIS

Recommendation

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

The carboxylate level of this fluid is acceptable. 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		WC0511918	WCCF9529	---
Sample Date	Client Info		02 Oct 2020	03 Apr 2019	---
Machine Age	mls	Client Info	0	0	---
Oil Age	mls	Client Info	0	0	---
Oil Changed	Client Info		Not Changed	Not Changed	---
Sample Status			NORMAL	NORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
pH	Scale 0-14	ASTM D1287	8.03	7.99	---
Nitrites	ppm	AP-053:2009	712	824	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	53	53	---
Freezing Point	°F	ASTM D3321	-48	-47	---
Total Dissolved Solids			422.0	394.5	---
Carboxylate			pass	fail	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	37	21
Phosphorus	ppm	ASTM D6130	0	380	344
Boron	ppm	ASTM D6130	0	208	134
Molybdenum	ppm	ASTM D6130	950	95	57

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<1	<1
Aluminum	ppm	ASTM D6130	>10	<1	<1
Copper	ppm	ASTM D6130	>10	11	7
Lead	ppm	ASTM D6130	>10	2	1
Tin	ppm	ASTM D6130	>10	1	4
Zinc	ppm	ASTM D6130		<1	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		34	17

CARRIER SALTS

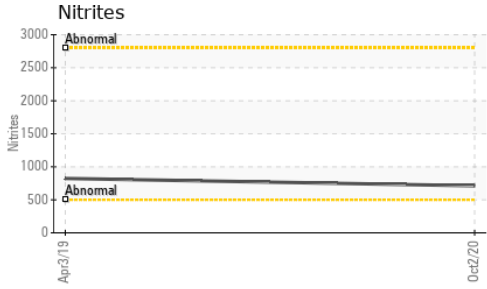
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2183	1943
Potassium	ppm	ASTM D6130		2173	1757


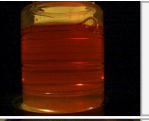


SCALE POTENTIAL

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

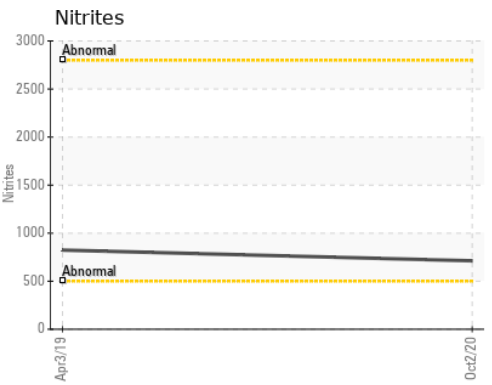
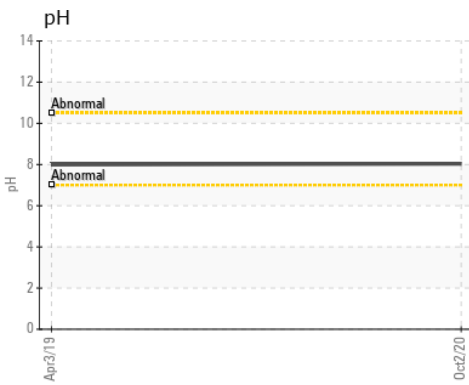
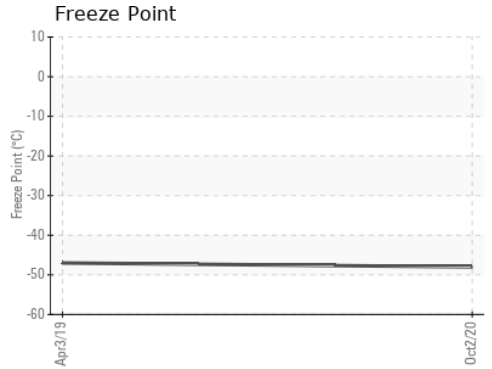
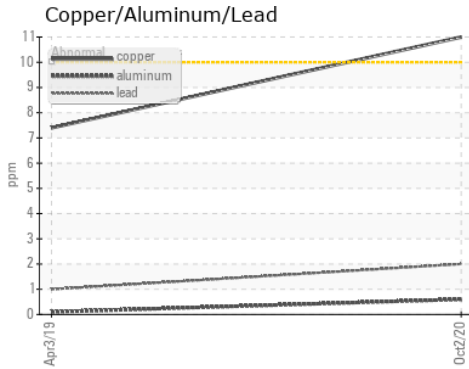
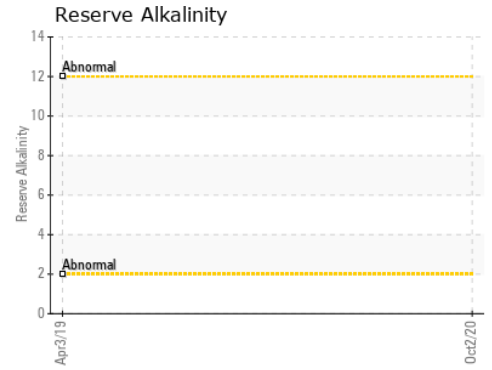
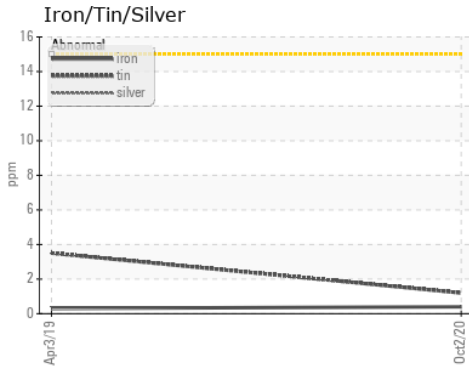


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Orange	Orange	---
Coolant Appearance	*Visual	Clear	normal	normal	---
Color					no image
Bottom					no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0511918 **Received** : 09 Oct 2020
Lab Number : 05086956 **Tested** : 15 Oct 2020
Unique Number : 9207192 **Diagnosed** : 16 Oct 2020 - Jonathan Hester
Test Package : COOL- (Additional Tests: 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)