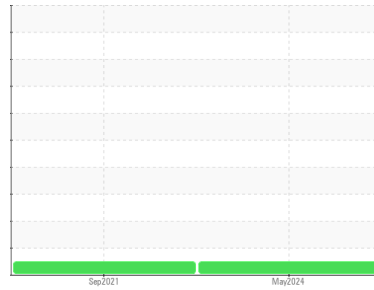




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
OKLAHOMA/102/EG - TRUCK-ON-HWY-HEAVY DUTY
 Machine Id
05.80 [OKLAHOMA^102^EG - TRUCK-ON-HWY-HEAVY DUTY]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (8 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		WC0914422	WC0590292	---
Sample Date	Client Info		21 May 2024	10 Sep 2021	---
Machine Age	hrs	Client Info	6555	1193	---
Oil Age	hrs	Client Info	6555	1193	---
Oil Changed	Client Info		Changed	Not Changd	---
Sample Status			NORMAL	NORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.078	---	---
pH	Scale 0-14	ASTM D1287	8.15	8.20	---
Nitrites	ppm	AP-053:2009	488	372	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	58.2	53	---
Freezing Point	°F	ASTM D3321	-54	-45	---
Total Dissolved Solids			388.0	459.0	---
Carboxylate			pass	fail	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	133	130	---
Phosphorus	ppm	ASTM D6130	5	<1	---
Boron	ppm	ASTM D6130	0	0	---
Molybdenum	ppm	ASTM D6130	784	1042	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<1	<1
Aluminum	ppm	ASTM D6130	>10	2	2
Copper	ppm	ASTM D6130	>10	2	3
Lead	ppm	ASTM D6130	>10	<1	<1
Tin	ppm	ASTM D6130	>10	<1	<1
Zinc	ppm	ASTM D6130		<1	2

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	53	52	---

CARRIER SALTS

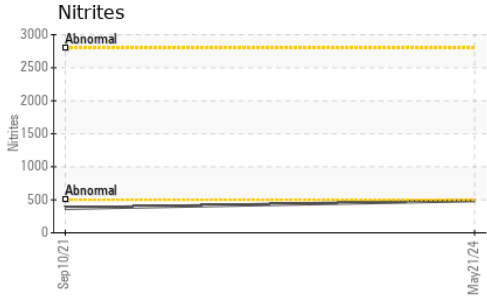
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	4775	3306	---
Potassium	ppm	ASTM D6130	67	57	---

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	3	2	---
Magnesium	ppm	ASTM D6130	4	5	---

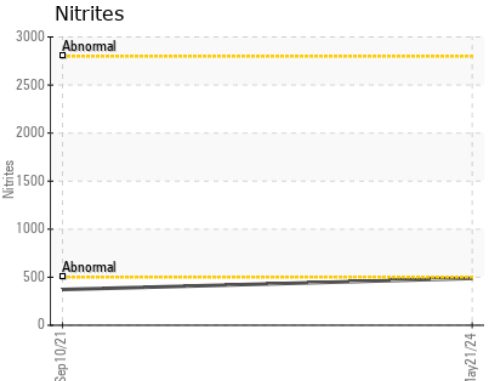
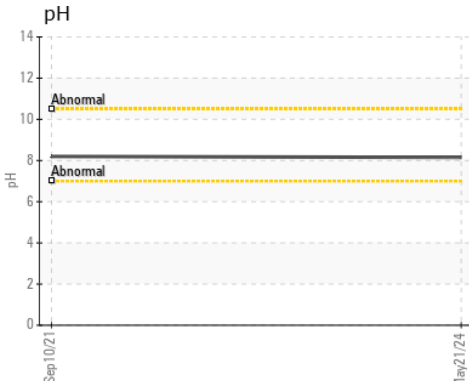
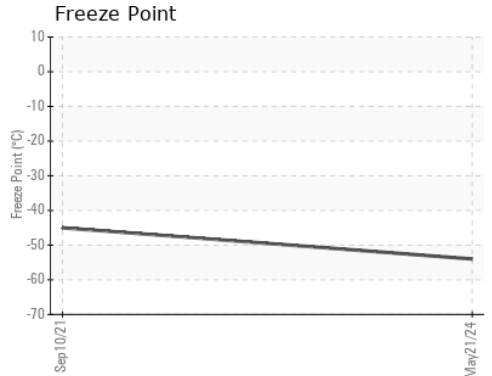
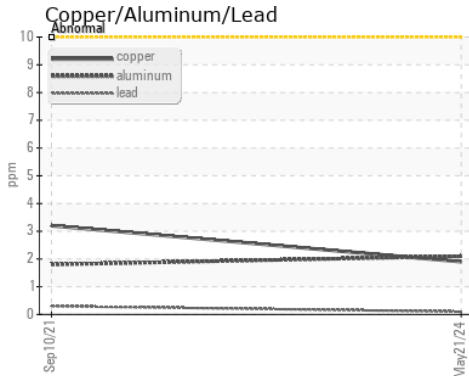
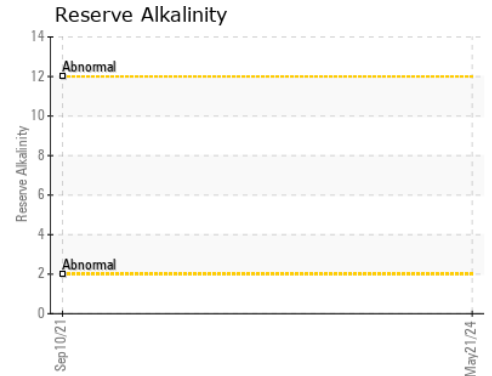
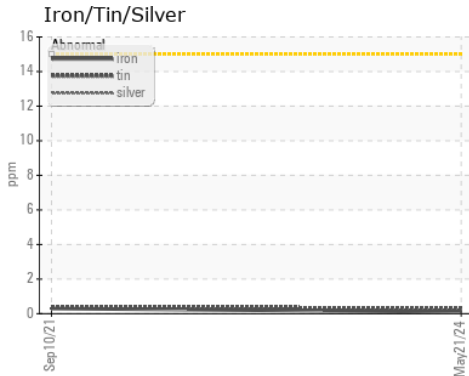


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0914422
Lab Number : 06200710
Unique Number : 11062833
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

Received : 05 Jun 2024
Tested : 07 Jun 2024
Diagnosed : 10 Jun 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)