



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
KANSAS/44
Machine Id
45.61L [KANSAS^44]
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (6 GAL)

RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0712296	WC0621128	---
Sample Date		Client Info		19 Sep 2022	23 Nov 2021	---
Machine Age	hrs	Client Info		11223	10632	---
Oil Age	hrs	Client Info		11223	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D6130	>15	5	6	---
Aluminum	ppm	ASTM D6130	>10	0	0	---
Copper	ppm	ASTM D6130	>10	4	3	---
Lead	ppm	ASTM D6130	>10	0	0	---
Tin	ppm	ASTM D6130	>10	0	0	---
Zinc	ppm	ASTM D6130	>10	2	2	---

CONTAMINANTS

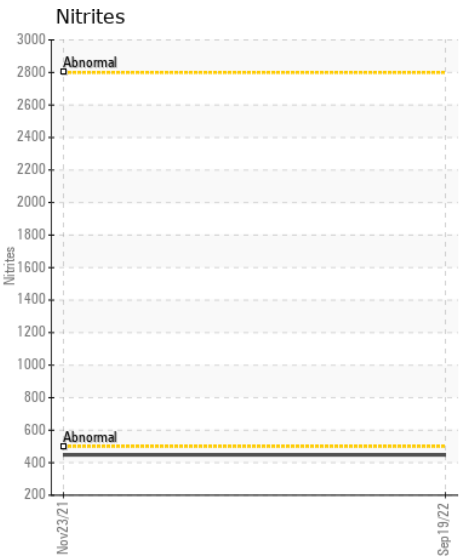
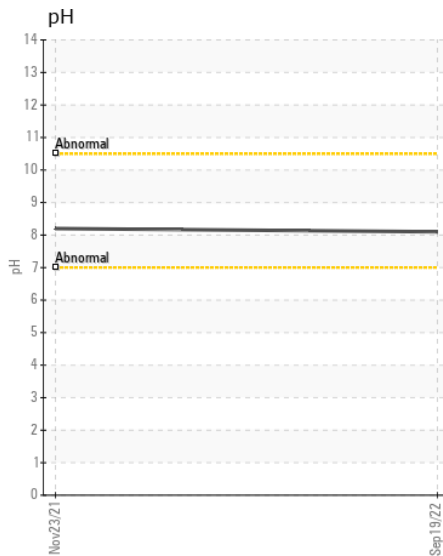
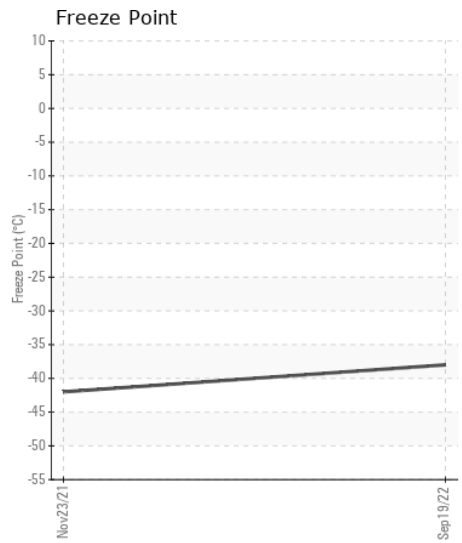
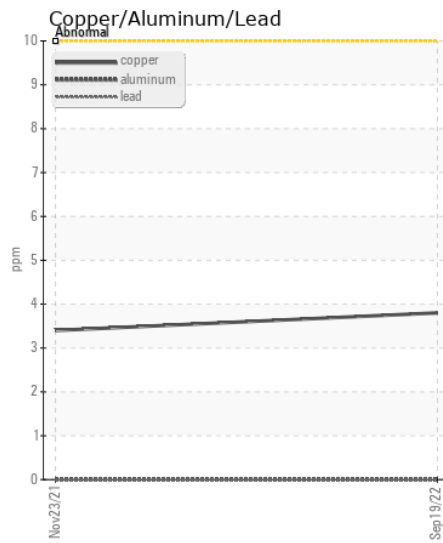
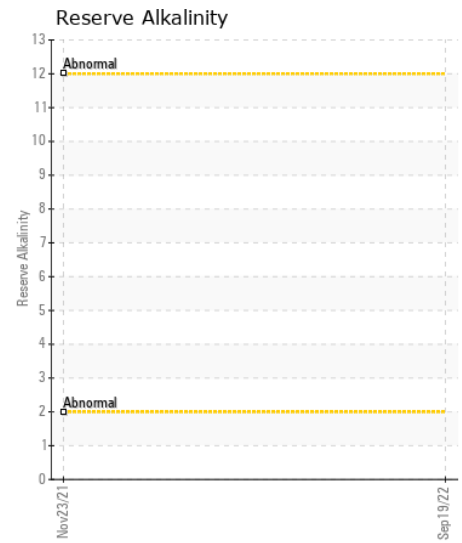
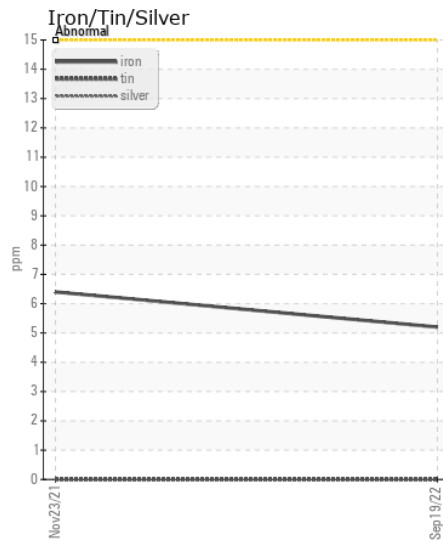
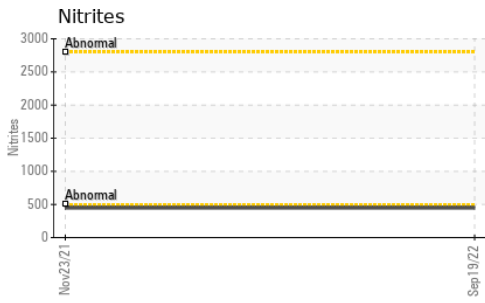
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130	>100	2	2	---
Chlorine	ppm	ASTM D6130		15	15	---
Magnesium	ppm	ASTM D6130	>40	1	1	---
Total Dissolved Solids				375.0	438.5	---
Coolant Appearance		*Visual	Clear	normal	normal	---

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.

Specific Gravity		*ASTM D1298		1.069	---	---
pH	Scale 0-14	ASTM D1287		8.10	8.20	---
Nitrites	ppm	AP-053:2009		448	448	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		51.9	52	---
Freezing Point	°F	ASTM D3321		-38	-42	---
Carboxylate				pass	pass	---
Silicon	ppm	ASTM D6130		170	226	---
Phosphorus	ppm	ASTM D6130		120	101	---
Boron	ppm	ASTM D6130		751	900	---
Molybdenum	ppm	ASTM D6130		652	674	---
Sodium	ppm	ASTM D6130		2314	2612	---
Potassium	ppm	ASTM D6130		2319	2869	---
Coolant Color		*Visual		Red	Red	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0712296 **Received** : 22 Sep 2022
Lab Number : 05648716 **Tested** : 29 Sep 2022
Unique Number : 10143255 **Diagnosed** : 29 Sep 2022 - Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, Hardness, ICP, SCREEN)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: RANDY ROBERTS
 randy.roberts@sherwood.net
 T: (316)943-6491
 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)