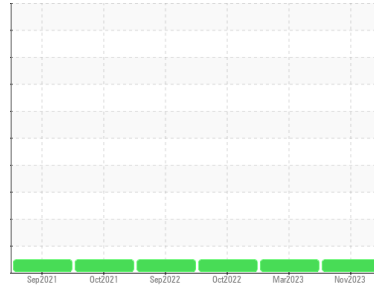




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
COLORADO/443
 Machine Id
45.49L [COLORADO^443]

Component
Radiator Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service.

Wear

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

Contamination

There is no indication of any contamination in the coolant.

Fluid 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	WC0859605	WC0766208	WC0749974
Sample Date	Client Info	20 Nov 2023	10 Mar 2023	17 Oct 2022
Machine Age	hrs	15989	15516	15177
Oil Age	hrs	15989	15516	15177
Oil Changed	Client Info	Not Chngd	Not Chngd	Not Chngd
Sample Status		NORMAL	NORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	NEG	NEG	NEG

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298	1.067	1.066	1.060
pH	Scale 0-14 ASTM D1287	8.65	8.70	9.53
Nitrites	ppm AP-053:2009	864	1012	560
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	49.2	48.8	44.4
Freezing Point	°F ASTM D3321	-33	-31	-21
Total Dissolved Solids		372.0	396.0	340.5
Carboxylate		pass	fail	fail

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	<1	21	31
Phosphorus	ppm ASTM D6130	4	4	0
Boron	ppm ASTM D6130	0	0	0
Molybdenum	ppm ASTM D6130	609	1200	1060

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	0	0	0
Aluminum	ppm ASTM D6130	<1	<1	6
Copper	ppm ASTM D6130	<1	<1	<1
Lead	ppm ASTM D6130	<1	<1	0
Tin	ppm ASTM D6130	2	<1	0
Zinc	ppm ASTM D6130	1	<1	2

CONTAMINANTS

method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130	11	4	30

CARRIER SALTS

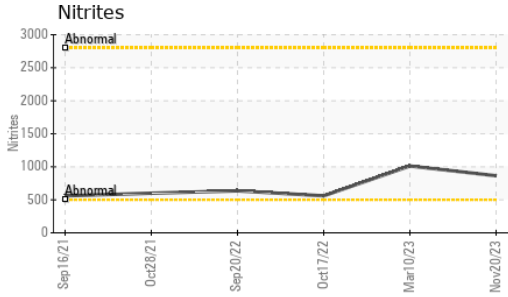
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	3774	6545	5000
Potassium	ppm ASTM D6130	324	835	1063


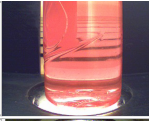


SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130	2	2	0
Magnesium	ppm ASTM D6130	1	0	0

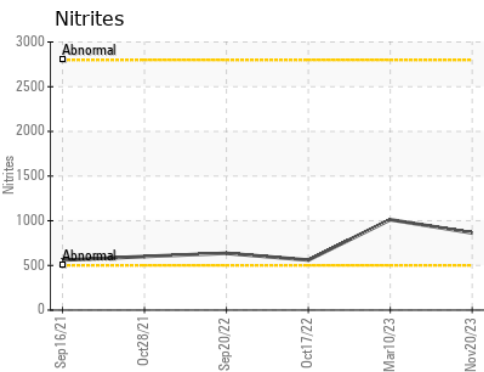
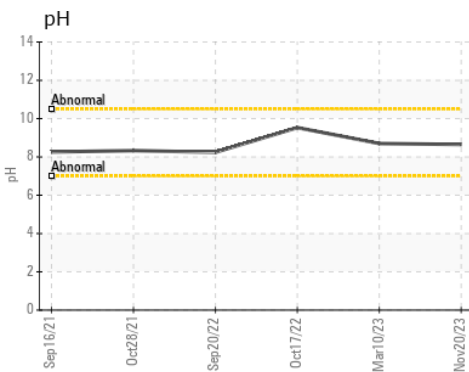
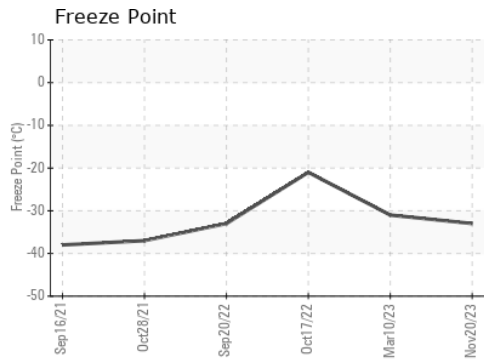
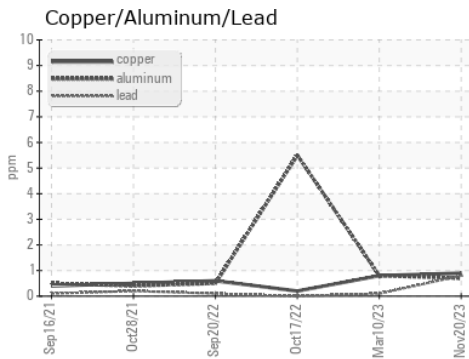
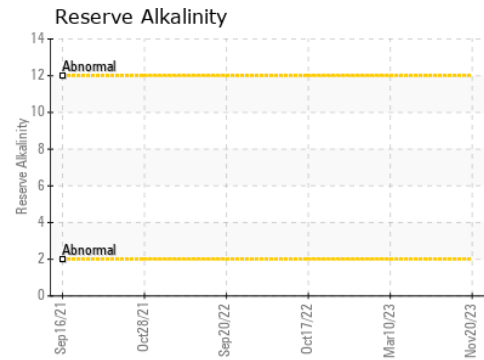
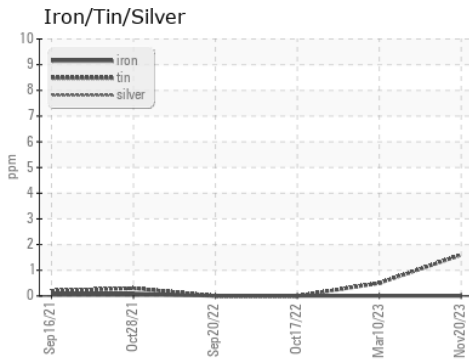


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0859605 **Received** : 22 Nov 2023
Lab Number : 06016002 **Diagnosed** : 06 Dec 2023
Unique Number : 10755146 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

SHERWOOD CONSTRUCTION CO INC
 3219 WEST MAY ST
 WICHITA, KS
 US 67213
 Contact: BILL ORCUTT
 william.orcutt@wildcat.net

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)

T:
F: