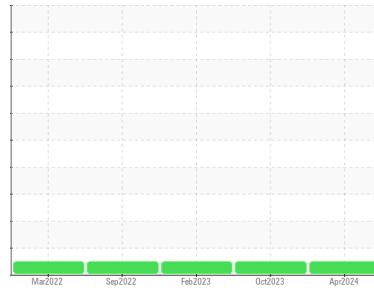




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
COLORADO/443
 Machine Id
64.33L - VIBRATOR [COLORADO^443]
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- 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. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0883912	WC0859569	WC0749925
Sample Date	Client Info			02 Apr 2024	09 Oct 2023	27 Feb 2023
Machine Age	hrs	Client Info		2333	2301	2232
Oil Age	hrs	Client Info		2333	2301	2232
Oil Changed	Client Info			Not Chngd	Not Chngd	Not Chngd
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.066	1.065	1.065
pH	Scale 0-14	ASTM D1287		8.43	8.59	8.65
Nitrites	ppm	AP-053:2009		1052	976	788
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		48.8	48.5	48.6
Freezing Point	°F	ASTM D3321		-31	-31	-31
Total Dissolved Solids				304.0	321.0	301.5
Carboxylate				pass	fail	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		36	22	74
Phosphorus	ppm	ASTM D6130		987	953	1915
Boron	ppm	ASTM D6130		9	0	34
Molybdenum	ppm	ASTM D6130		137	128	229

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

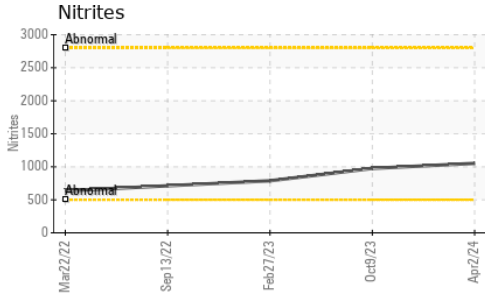
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		5	3	32

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		1789	1717	2675
Potassium	ppm	ASTM D6130		2499	1936	4779

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		0	<1	<1
Magnesium	ppm	ASTM D6130		<1	<1	<1

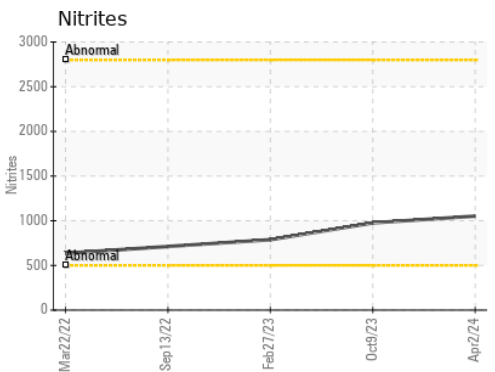
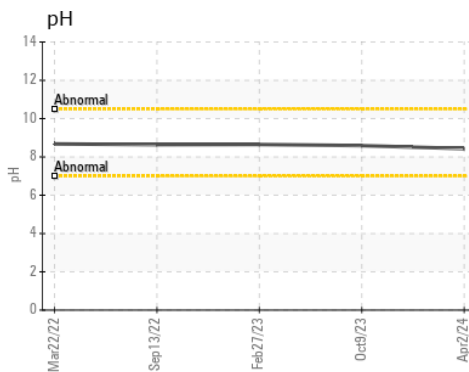
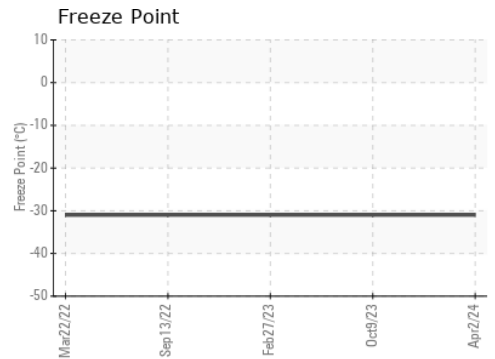
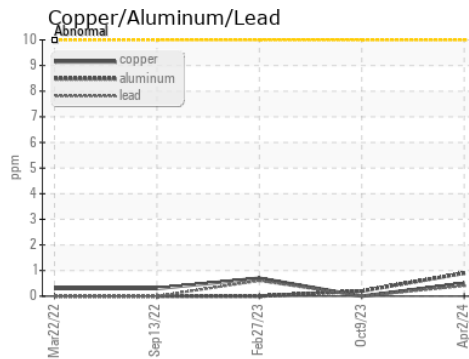
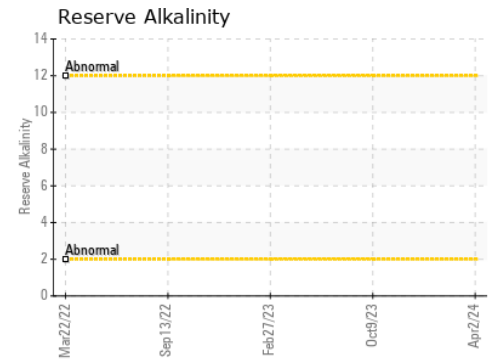
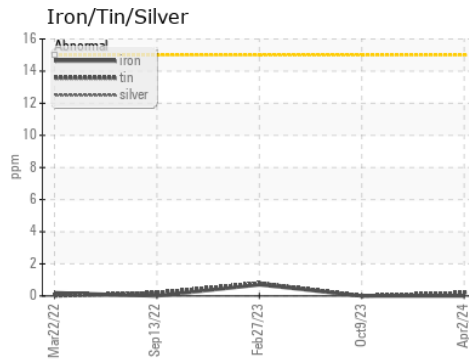


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883912 **Received** : 08 Apr 2024
Lab Number : **06142681** **Tested** : 11 Apr 2024
Unique Number : 10967489 **Diagnosed** : 11 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

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)

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: