



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL



Area
COLORADO/443/EG - SKID STEER
Machine Id
53.134L [COLORADO^443^EG - SKID STEER]
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. No corrective action is recommended at this time.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0859570	WC0766174	WC0718093
Sample Date		Client Info		05 Oct 2023	01 Mar 2023	15 Sep 2022
Machine Age	hrs	Client Info		6075	5652	5278
Oil Age	hrs	Client Info		6075	5652	5278
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D6130	>15	0	0	0
Aluminum	ppm	ASTM D6130	>10	5	▲ 12	0
Copper	ppm	ASTM D6130	>10	3	<1	0
Lead	ppm	ASTM D6130	>10	0	<1	0
Tin	ppm	ASTM D6130	>10	0	<1	0
Zinc	ppm	ASTM D6130	>10	0	1	0

CONTAMINANTS

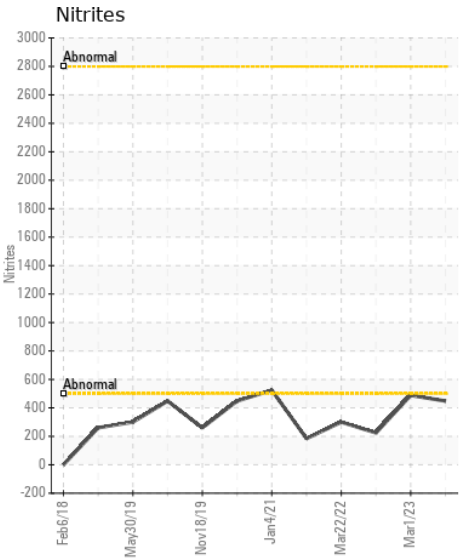
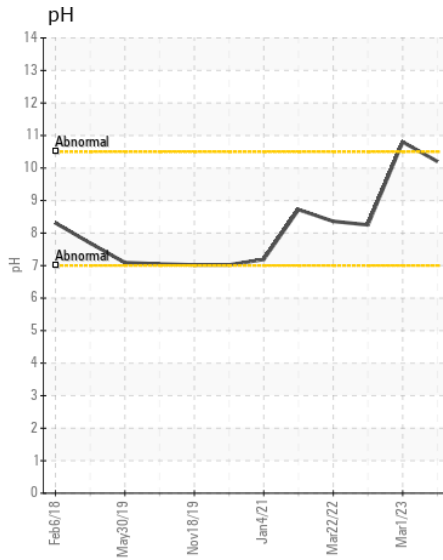
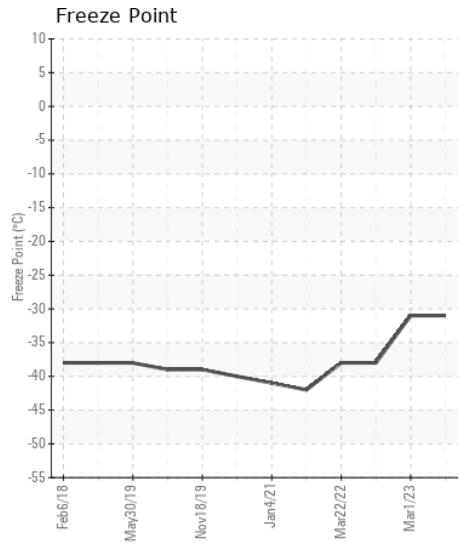
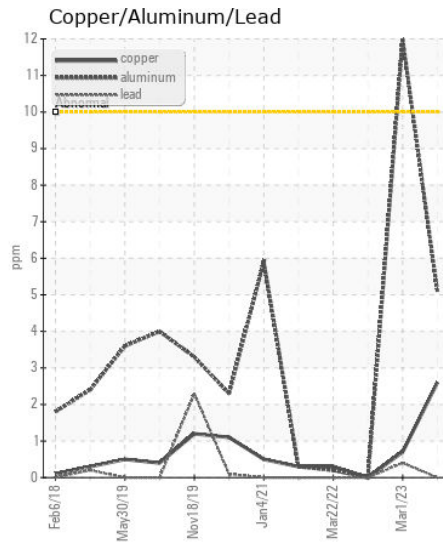
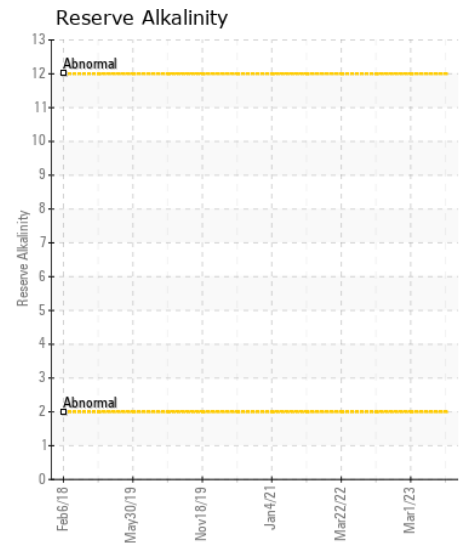
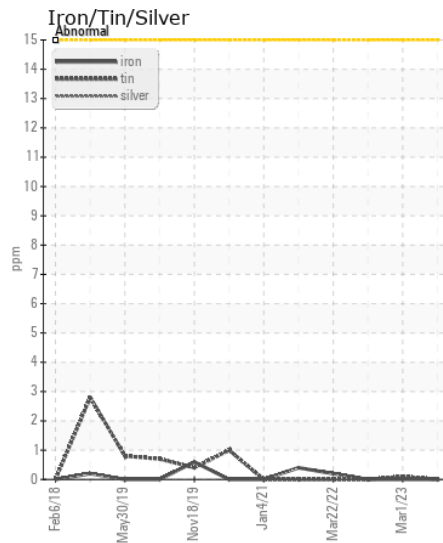
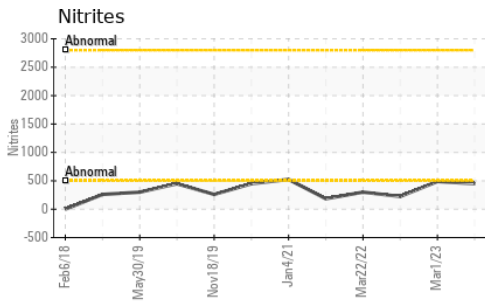
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130		<1	0	0
Chlorine	ppm	ASTM D6130		3	29	15
Magnesium	ppm	ASTM D6130		<1	0	0
Total Dissolved Solids				475.5	677.0	359.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

COOLANT CONDITION

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Specific Gravity		*ASTM D1298		1.065	1.065	1.069
pH	Scale 0-14	ASTM D1287		10.2	10.8	8.25
Nitrites	ppm	AP-053:2009		448	488	224
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		48.6	48.4	51.4
Freezing Point	°F	ASTM D3321		-31	-31	-38
Carboxylate				fail	fail	pass
Silicon	ppm	ASTM D6130		<1	25	10
Phosphorus	ppm	ASTM D6130		120	0	0
Boron	ppm	ASTM D6130		<1	31	104
Molybdenum	ppm	ASTM D6130		921	1200	233
Sodium	ppm	ASTM D6130		4454	7025	3154
Potassium	ppm	ASTM D6130		1481	1478	852
Coolant Color		*Visual		Red	Orange	Yellow



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0859570 **Received** : 12 Oct 2023
Lab Number : 05977886 **Tested** : 17 Oct 2023
Unique Number : 10695181 **Diagnosed** : 18 Oct 2023 - Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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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)