



# COOLANT REPORT

CORROSION

**NORMAL**

CONTAMINANTS

**NORMAL**

COOLANT CONDITION

**NORMAL**



Area

**OKLAHOMA/1151/EG - OTHER SERVICE**

Machine Id

**48.03L [OKLAHOMA^1151^EG - OTHER SERVICE]**

Component

**Coolant**

Fluid

**EXTENDED LIFE COOLANT (--- GAL)**

## RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0726161</b>	WC0629994	WC0537070
Sample Date		Client Info		<b>03 Oct 2022</b>	05 Nov 2021	25 Feb 2021
Machine Age	hrs	Client Info		<b>18773</b>	18020	16959
Oil Age	hrs	Client Info		<b>18773</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## CORROSION

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

Iron	ppm	ASTM D6130	>15	<b>0</b>	<1	0
Aluminum	ppm	ASTM D6130	>10	<b>2</b>	1	<1
Copper	ppm	ASTM D6130	>10	<b>3</b>	2	2
Lead	ppm	ASTM D6130	>10	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D6130	>10	<b>1</b>	1	2
Zinc	ppm	ASTM D6130	>10	<b>1</b>	<1	0

## CONTAMINANTS

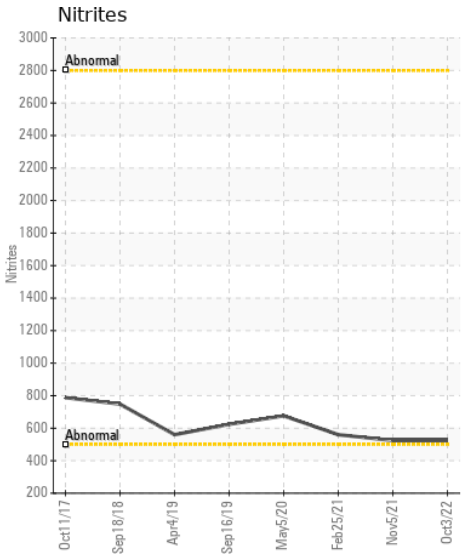
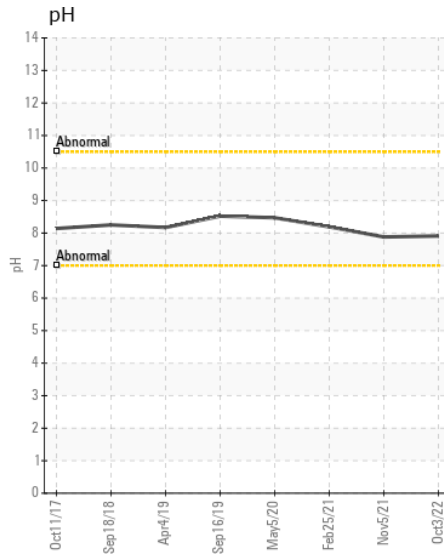
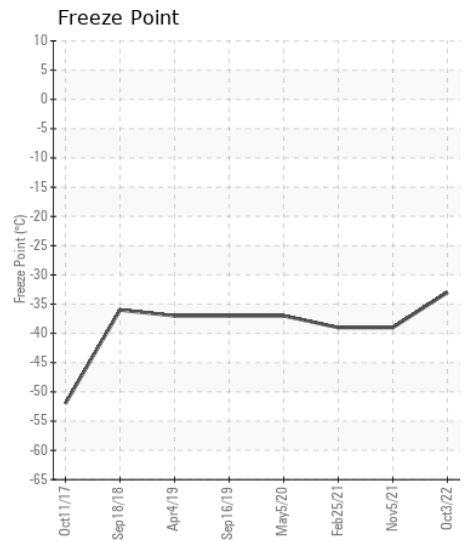
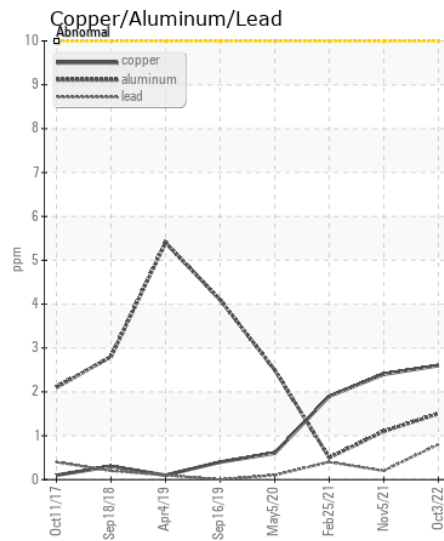
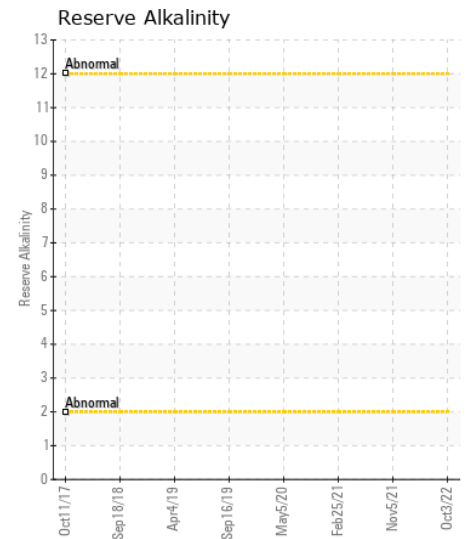
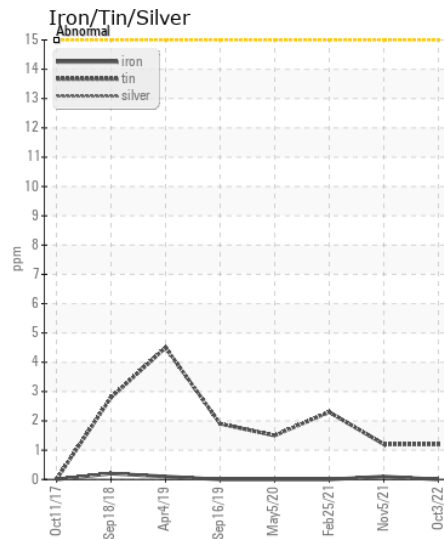
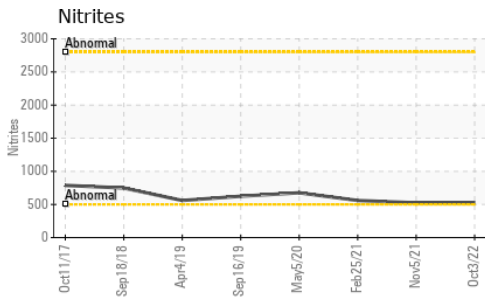
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130		<b>6</b>	2	<1
Chlorine	ppm	ASTM D6130		<b>&lt;1</b>	1200	61
Magnesium	ppm	ASTM D6130		<b>3</b>	4	3
Total Dissolved Solids				<b>344.0</b>	361.0	335.5
Coolant Appearance		*Visual	Clear	<b>normal</b>	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		<b>1.067</b>	---	---
pH	Scale 0-14	ASTM D1287		<b>7.91</b>	7.88	8.19
Nitrites	ppm	AP-053:2009		<b>524</b>	524	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>49.2</b>	50	50
Freezing Point	°F	ASTM D3321		<b>-33</b>	-39	-39
Carboxylate				<b>pass</b>	pass	pass
Silicon	ppm	ASTM D6130		<b>25</b>	21	12
Phosphorus	ppm	ASTM D6130		<b>10</b>	<1	<1
Boron	ppm	ASTM D6130		<b>19</b>	<1	0
Molybdenum	ppm	ASTM D6130		<b>1147</b>	998	1092
Sodium	ppm	ASTM D6130		<b>5000</b>	3646	3629
Potassium	ppm	ASTM D6130		<b>62</b>	40	38
Coolant Color		*Visual		<b>Red</b>	Red	Orange



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0726161 **Received** : 11 Oct 2022  
**Lab Number** : 05664406 **Tested** : 12 Oct 2022  
**Unique Number** : 10168975 **Diagnosed** : 13 Oct 2022 - 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)