



Area

**CHARLOTTESVILLE**

Machine Id

**JOHN DEERE 410E M01-0322 1DW410ETHDE655821**

Component

**Coolant**

Fluid

**JOHN DEERE COOLGARD II (25 GAL)**

**RECOMMENDATION**

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0180310</b>	JR0146836	JRMC435694
Sample Date		Client Info		<b>16 Aug 2023</b>	21 Nov 2022	10 Mar 2018
Machine Age	hrs	Client Info		<b>7519</b>	6708	3500
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Chngd</b>	Not Chngd	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

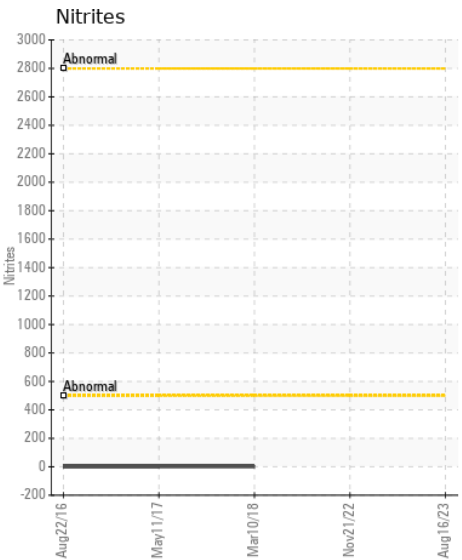
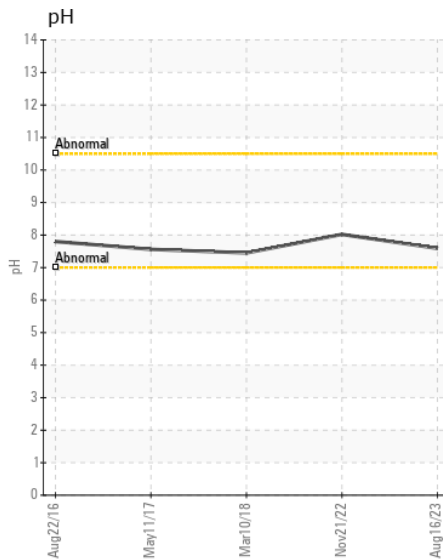
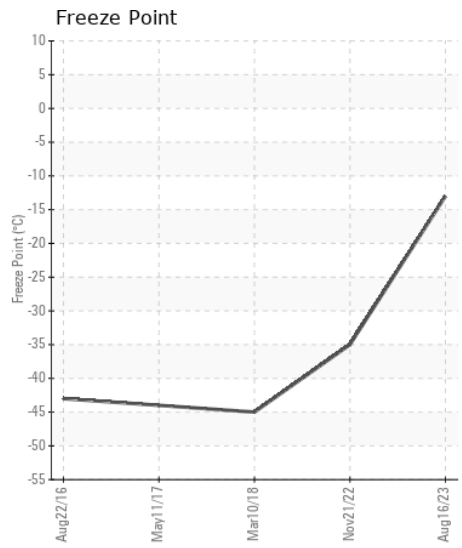
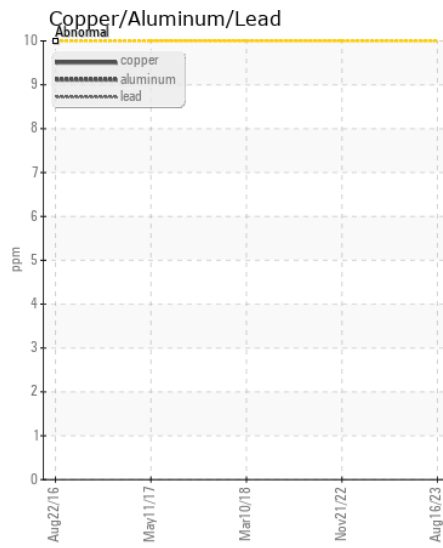
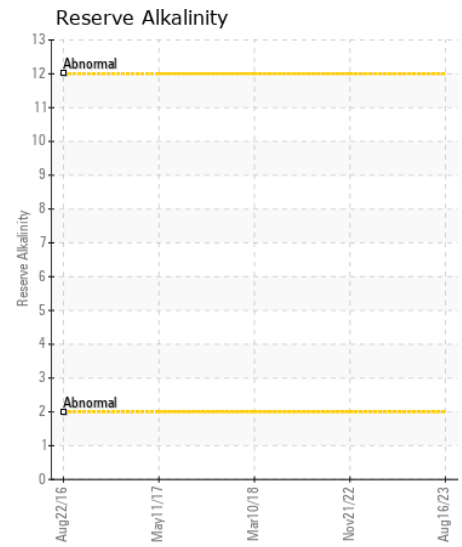
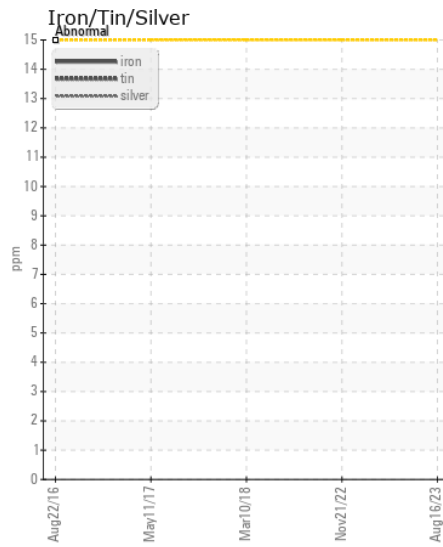
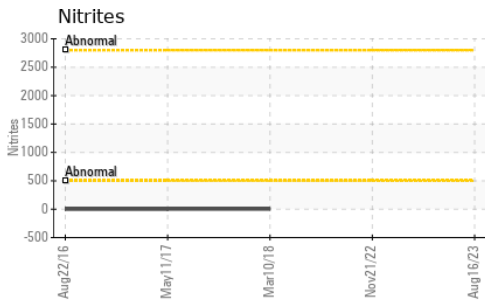
**CORROSION**

Total Dissolved Solids				<b>283.0</b>	379.0	423.5
Coolant Appearance		*Visual	Clear	<b>normal</b>	▲ hazy	normal

**CONTAMINANTS**

There is no indication of any contamination in the coolant.

Specific Gravity		*ASTM D1298		<b>1.054</b>	1.068	---
pH	Scale 0-14	ASTM D1287		<b>7.59</b>	8.02	7.45
Nitrites	ppm	AP-053:2009		<b>NT</b>	NT	0
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>40.0</b>	50.5	53
Freezing Point	°F	ASTM D3321		<b>-13</b>	-35	-45
Carboxylate				<b>n/a</b>	n/a	n/a
Coolant Color		*Visual		<b>Yllow</b>	Yllow	Yllow



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : JR0180310

**Lab Number** : 05927687

**Unique Number** : 10607634

**Test Package** : COOL- ( Additional Tests: COOL, PQ )

**Received** : 17 Aug 2023

**Tested** : 22 Aug 2023

**Diagnosed** : 22 Aug 2023 - Jonathan Hester

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)

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