



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 700L 1T0700LXCNF425935**

Component  
**Right Final Drive**

Fluid  
**JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0212878</b>	JR0181425	JR0156500
Sample Date		Client Info		<b>06 May 2024</b>	03 Aug 2023	16 Dec 2022
Machine Age	hrs	Client Info		<b>1529</b>	1114	529
Oil Age	hrs	Client Info		<b>1529</b>	1114	529
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>None</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>107</b>	14	142
Iron	ppm	ASTM D5185m	>750	<b>209</b>	0	145
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	0	2
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	3	0
Aluminum	ppm	ASTM D5185m	>40	<b>1</b>	2	3
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>40	<b>0</b>	3	<1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

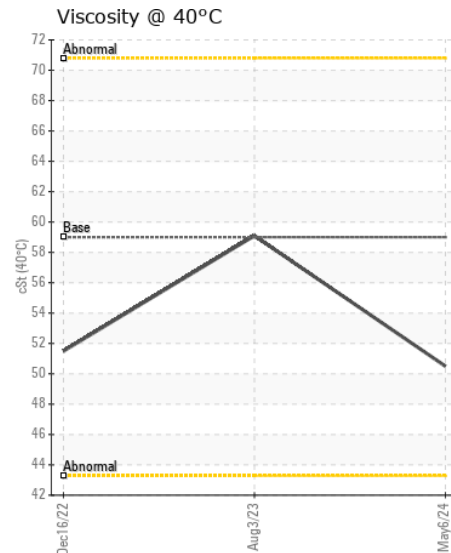
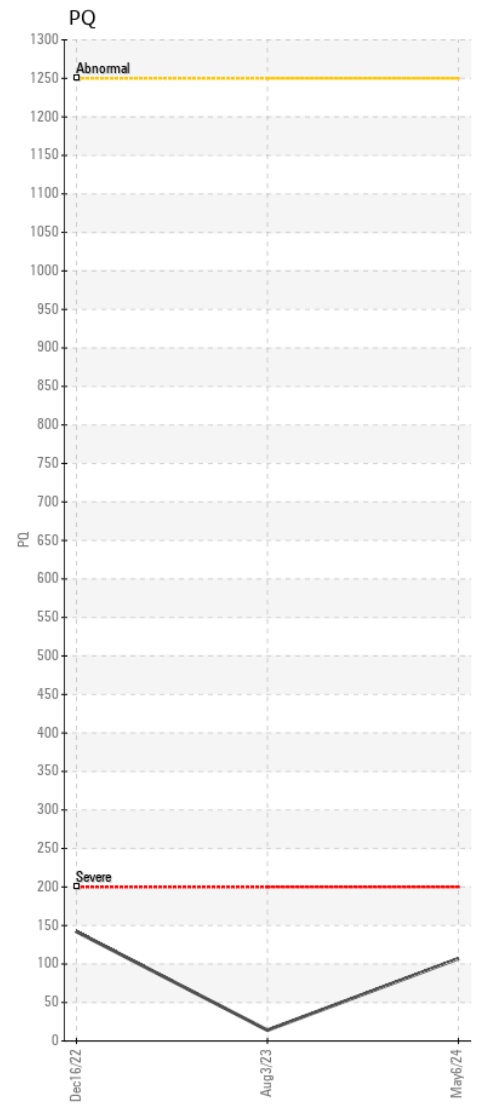
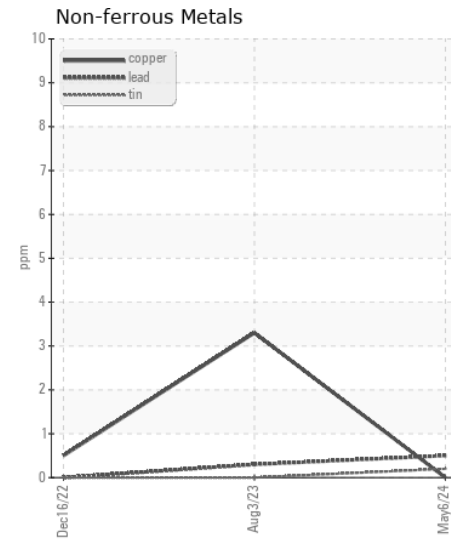
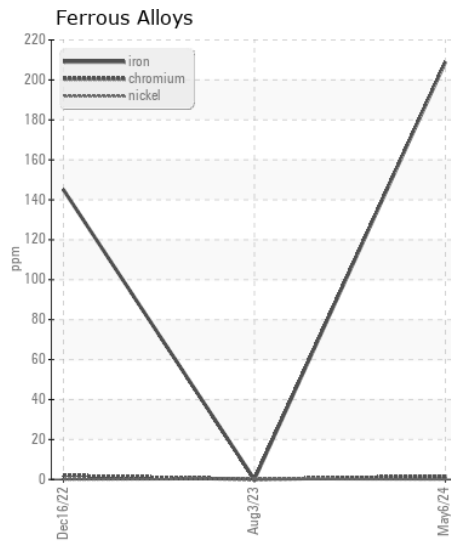
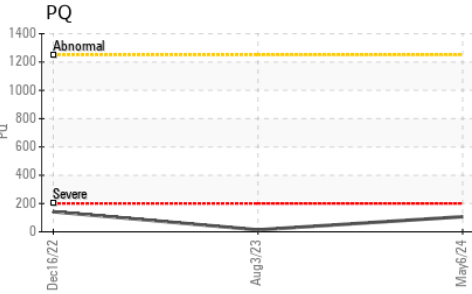
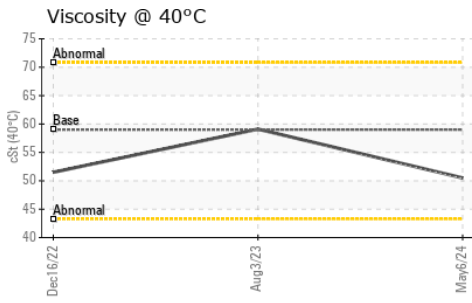
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	<b>19</b>	4	23
Potassium	ppm	ASTM D5185m	>20	<b>8</b>	1	10
Water		WC Method	>0.075	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>5</b>	<1	2
Boron	ppm	ASTM D5185m		<b>0</b>	<1	2
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	1
Manganese	ppm	ASTM D5185m		<b>4</b>	0	3
Magnesium	ppm	ASTM D5185m		<b>91</b>	81	93
Calcium	ppm	ASTM D5185m		<b>3240</b>	2839	3547
Phosphorus	ppm	ASTM D5185m		<b>982</b>	803	1028
Zinc	ppm	ASTM D5185m		<b>1141</b>	1023	1237
Sulfur	ppm	ASTM D5185m		<b>3906</b>	3054	3976
Visc @ 40°C	cSt	ASTM D445	59	<b>50.5</b>	59.1	51.5



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0212878 **Received** : 09 May 2024  
**Lab Number** : 06174152 **Tested** : 10 May 2024  
**Unique Number** : 11020205 **Diagnosed** : 12 May 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
 4161 AUBURN CHURCH RD  
 GARNER, NC  
 US 27529

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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)

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