



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

Area  
**[45497]**  
 Machine Id  
**JOHN DEERE 700L 1T0700LXLNF422061**  
 Component  
**Left Final Drive**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (10 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0208434</b>	JR0196104	JR0183852
Sample Date		Client Info		<b>18 Mar 2024</b>	13 Dec 2023	11 Sep 2023
Machine Age	hrs	Client Info		<b>2445</b>	2445	1951
Oil Age	hrs	Client Info		<b>1951</b>	494	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>113</b>	104	80
Iron	ppm	ASTM D5185m	>750	<b>104</b>	87	72
Chromium	ppm	ASTM D5185m	>9	<b>4</b>	2	2
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>11</b>	5	3
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	0	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

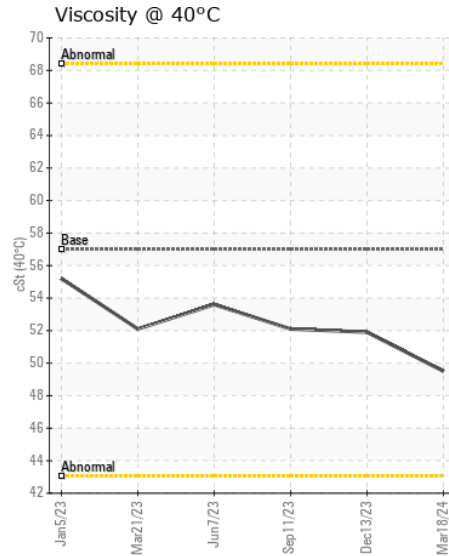
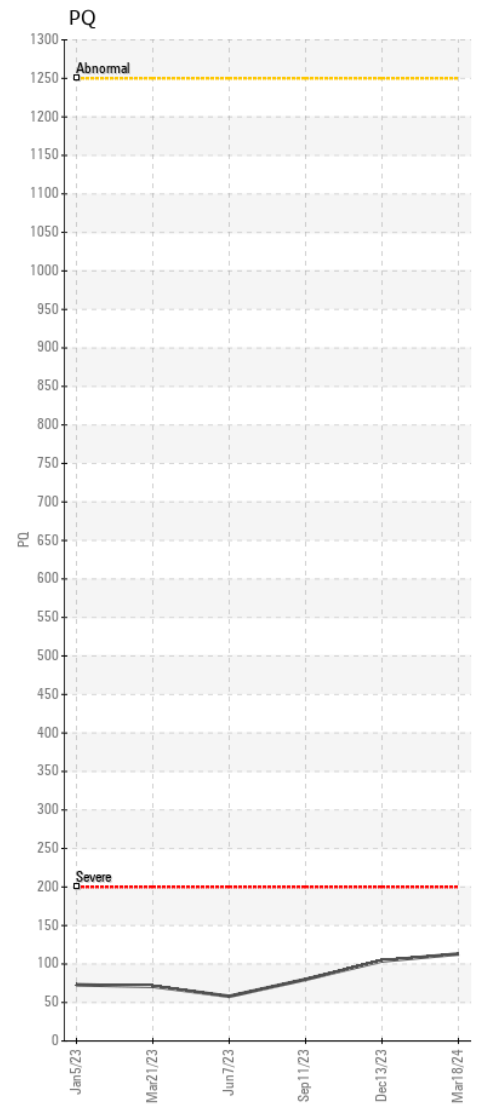
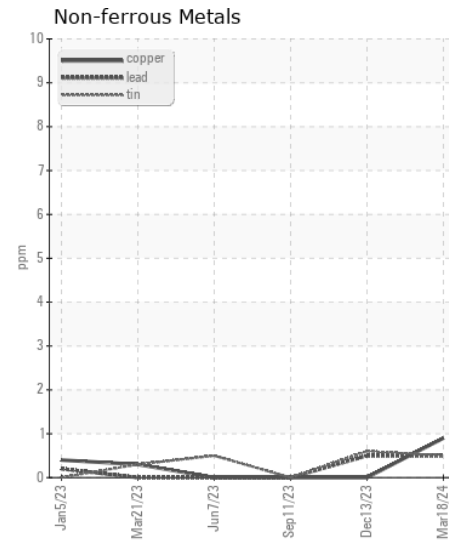
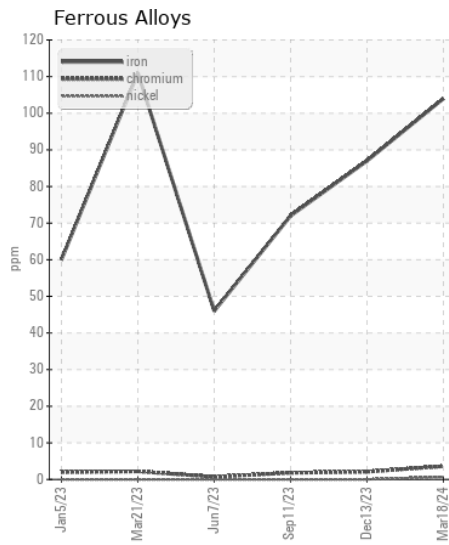
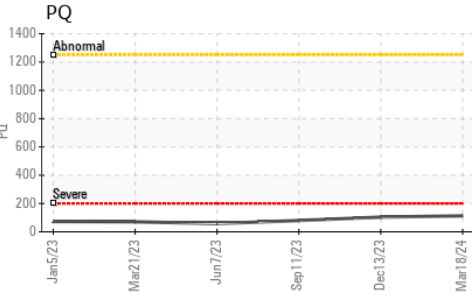
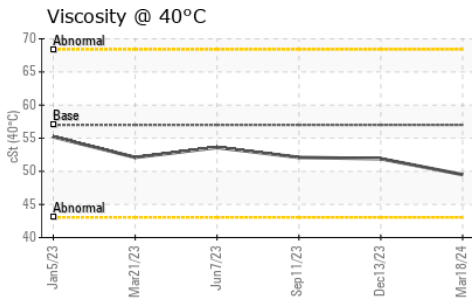
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>33</b>	18	17
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	2	2
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	▲ MODER
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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>1</b>	2	2
Boron	ppm	ASTM D5185m	6	<b>11</b>	4	6
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>11</b>	6	4
Manganese	ppm	ASTM D5185m		<b>2</b>	2	1
Magnesium	ppm	ASTM D5185m	145	<b>126</b>	102	128
Calcium	ppm	ASTM D5185m	3570	<b>3482</b>	3324	3624
Phosphorus	ppm	ASTM D5185m	1290	<b>982</b>	912	1073
Zinc	ppm	ASTM D5185m	1640	<b>1241</b>	1136	1309
Sulfur	ppm	ASTM D5185m		<b>3787</b>	3379	4378
Visc @ 40°C	cSt	ASTM D445	57.0	<b>49.5</b>	51.9	52.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0208434 **Received** : 20 Mar 2024  
**Lab Number** : 06123963 **Tested** : 21 Mar 2024  
**Unique Number** : 10938114 **Diagnosed** : 21 Mar 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**B & S SITE DEVELOPMENT**  
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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)