



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



Machine Id  
**JOHN DEERE 700K 1T0700KXPEE270345**  
Component  
**Right Final Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- LTR)**

### RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

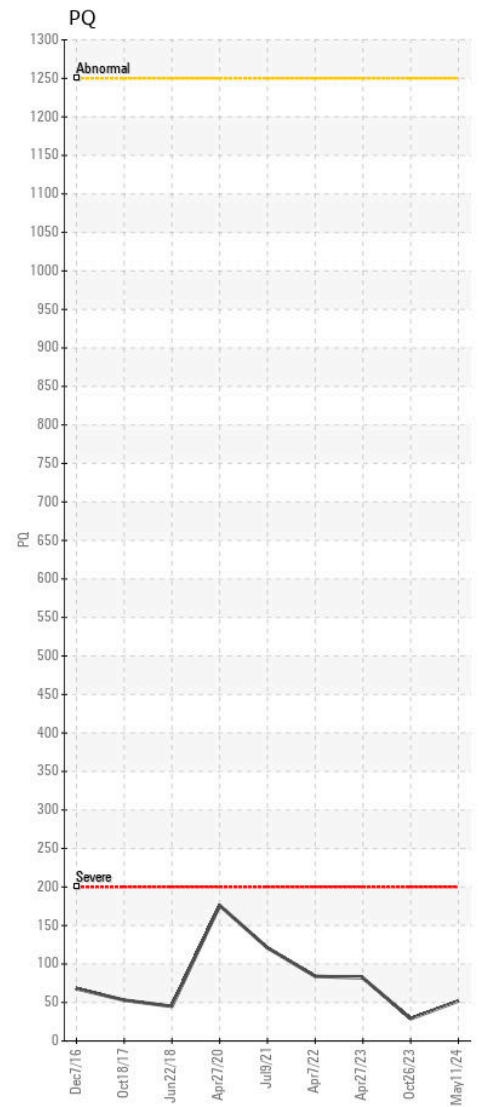
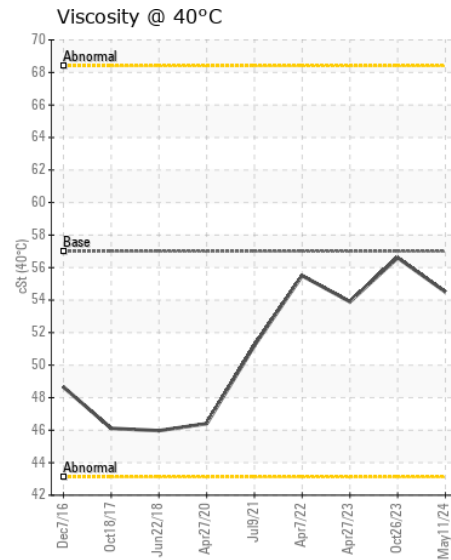
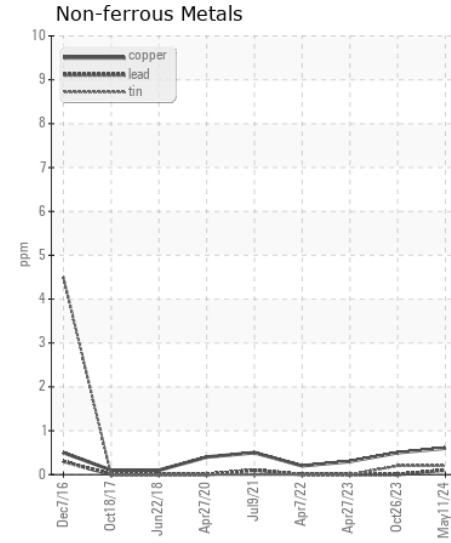
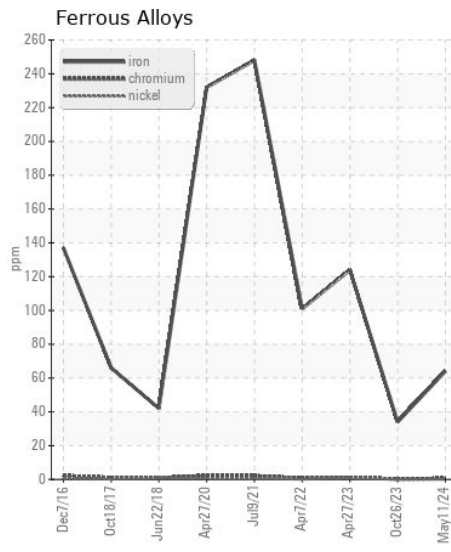
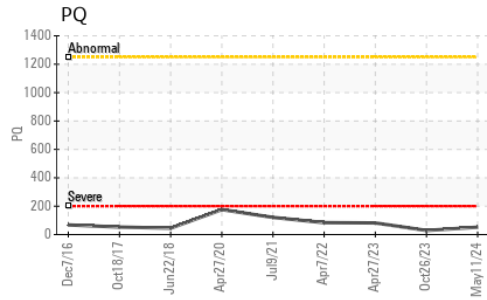
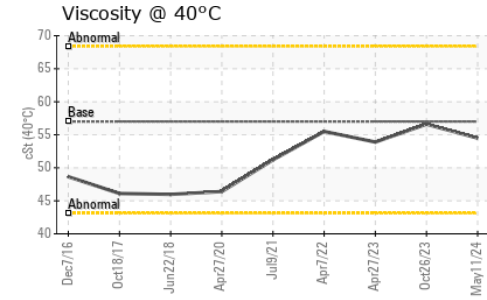
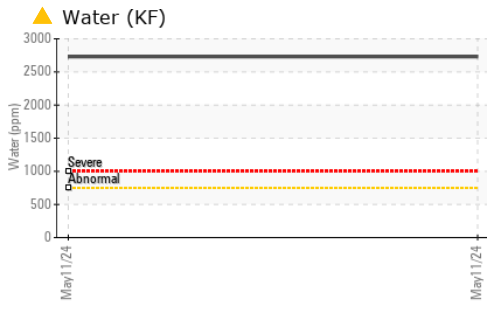
### CONTAMINATION

There is a light concentration of water present in the oil.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0211543</b>	JR0190111	JR0168900
Sample Date		Client Info		<b>11 May 2024</b>	26 Oct 2023	27 Apr 2023
Machine Age	hrs	Client Info		<b>6989</b>	6438	5956
Oil Age	hrs	Client Info		<b>0</b>	6438	5956
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	NORMAL
PQ		ASTM D8184	>1250	<b>52</b>	29	82
Iron	ppm	ASTM D5185m	>750	<b>64</b>	34	124
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	2	0
Aluminum	ppm	ASTM D5185m	>40	<b>3</b>	3	4
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	<b>16</b>	14	24
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	2
Water	%	ASTM D6304	>0.075	<b>▲ 0.273</b>	---	---
ppm Water	ppm	ASTM D6304	>750	<b>▲ 2730</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>HAZY</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	<b>▲ 0.2%</b>	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	<b>0</b>	2	2
Boron	ppm	ASTM D5185m	6	<b>9</b>	10	2
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>9</b>	7	3
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185m	145	<b>123</b>	137	104
Calcium	ppm	ASTM D5185m	3570	<b>3438</b>	3222	3388
Phosphorus	ppm	ASTM D5185m	1290	<b>1173</b>	1013	1006
Zinc	ppm	ASTM D5185m	1640	<b>1235</b>	1211	1213
Sulfur	ppm	ASTM D5185m		<b>3853</b>	3398	4530
Visc @ 40°C	cSt	ASTM D445	57.0	<b>54.5</b>	56.6	53.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0211543 **Received** : 10 May 2024  
**Lab Number** : 06175844 **Tested** : 14 May 2024  
**Unique Number** : 11021897 **Diagnosed** : 14 May 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: KF, PQ )

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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