



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

Machine Id  
**JOHN DEERE 750L 1T0750LXCMF401593**  
Component  
**Right Inner Final Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (16 QTS)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0206232</b>	JR0141475	JR0110381
Sample Date		Client Info		<b>15 Apr 2024</b>	10 Nov 2023	16 Mar 2022
Machine Age	hrs	Client Info		<b>102078</b>	7887	824
Oil Age	hrs	Client Info		<b>94191</b>	1000	824
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>17</b>	21	17
Iron	ppm	ASTM D5185m	>750	<b>21</b>	35	28
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	<1	1
Lead	ppm	ASTM D5185m	>15	<b>2</b>	0	<1
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	4	7
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**

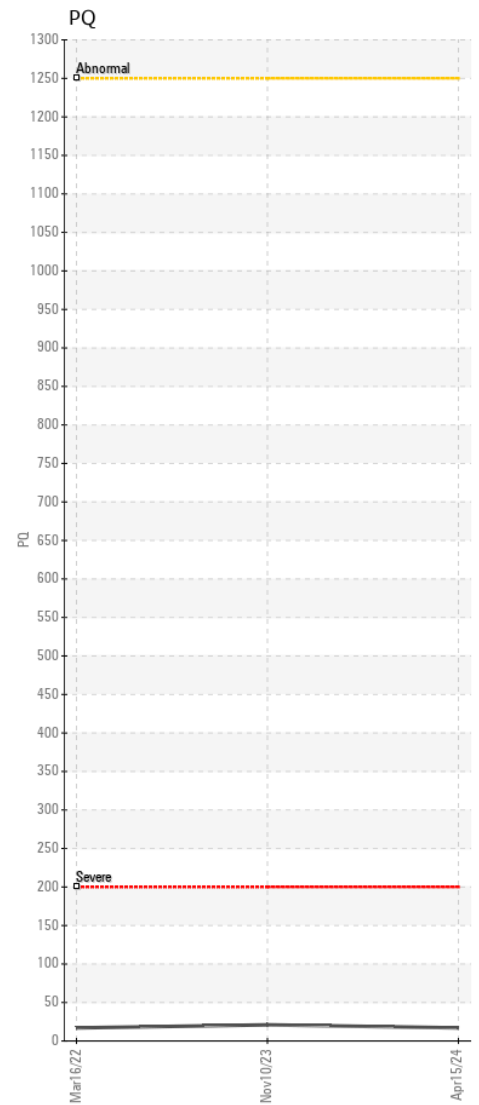
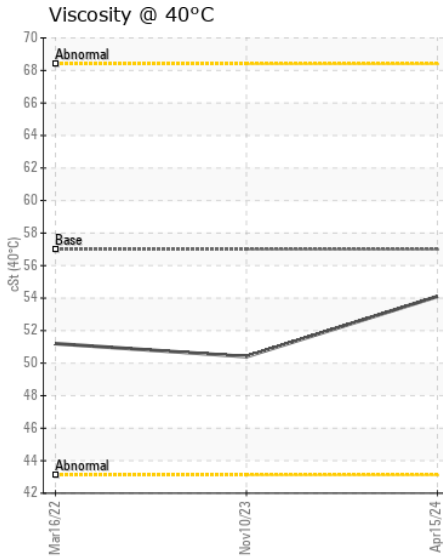
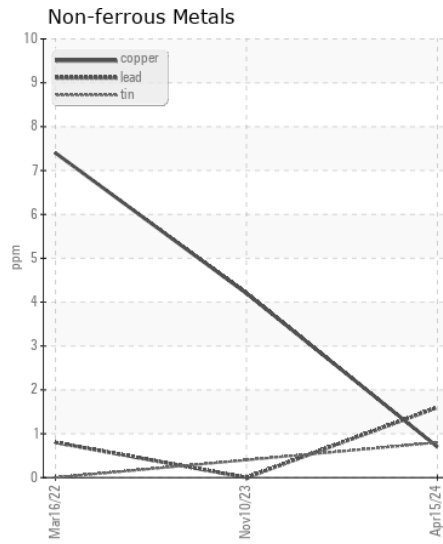
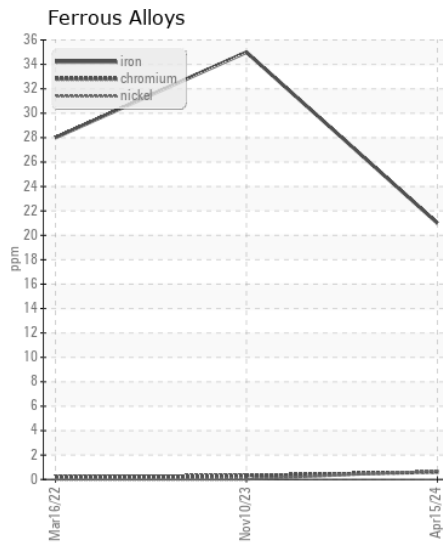
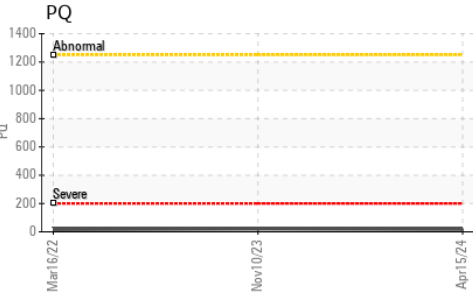
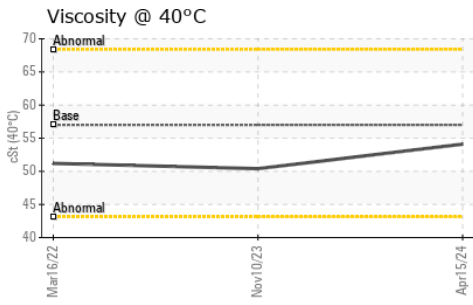
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>10</b>	6	5
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	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	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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>0</b>	1	<1
Boron	ppm	ASTM D5185m	6	<b>0</b>	<1	2
Barium	ppm	ASTM D5185m	0	<b>1</b>	<1	0
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	1
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	145	<b>94</b>	99	48
Calcium	ppm	ASTM D5185m	3570	<b>3461</b>	3216	2100
Phosphorus	ppm	ASTM D5185m	1290	<b>1051</b>	1022	991
Zinc	ppm	ASTM D5185m	1640	<b>1208</b>	1195	1190
Sulfur	ppm	ASTM D5185m		<b>4012</b>	3354	2741
Visc @ 40°C	cSt	ASTM D445	57.0	<b>54.1</b>	50.4	51.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206232 **Received** : 18 Apr 2024  
**Lab Number** : 06153417 **Tested** : 19 Apr 2024  
**Unique Number** : 10983495 **Diagnosed** : 19 Apr 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - CHARLOTTE**  
 9550 STATESVILLE ROAD  
 CHARLOTTE, NC  
 US 28269

Contact: CHARLOTTE SHOP  
 myoung@jamesriverequipment.com

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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