



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



Area  
**[16W15395]**  
 Machine Id  
**JOHN DEERE 750K 1T0750KXJHF306604**  
 Component  
**Transmission (Manual)**  
 Fluid  
**JOHN DEERE HYDRAU (30 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: 16W15395 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0196368</b>	JR0136134	JR0007180
Sample Date		Client Info		<b>07 Feb 2024</b>	28 Sep 2022	07 May 2019
Machine Age	hrs	Client Info		<b>4316</b>	3745	1891
Oil Age	hrs	Client Info		<b>2425</b>	1854	1891
Filter Age	hrs	Client Info		<b>2425</b>	1854	1891
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>19</b>	4	20
Iron	ppm	ASTM D5185m	>200	<b>6</b>	12	19
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	0	<1
Lead	ppm	ASTM D5185m	>45	<b>2</b>	<1	2
Copper	ppm	ASTM D5185m	>225	<b>10</b>	9	15
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

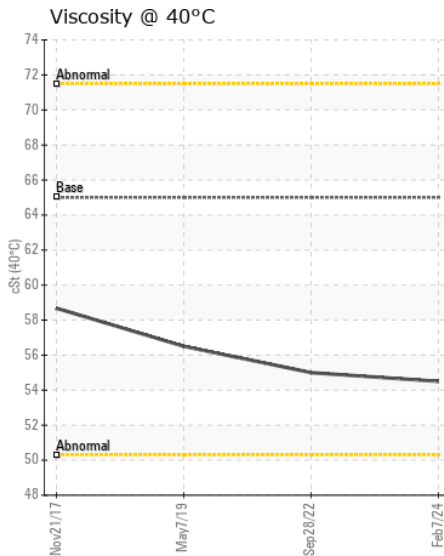
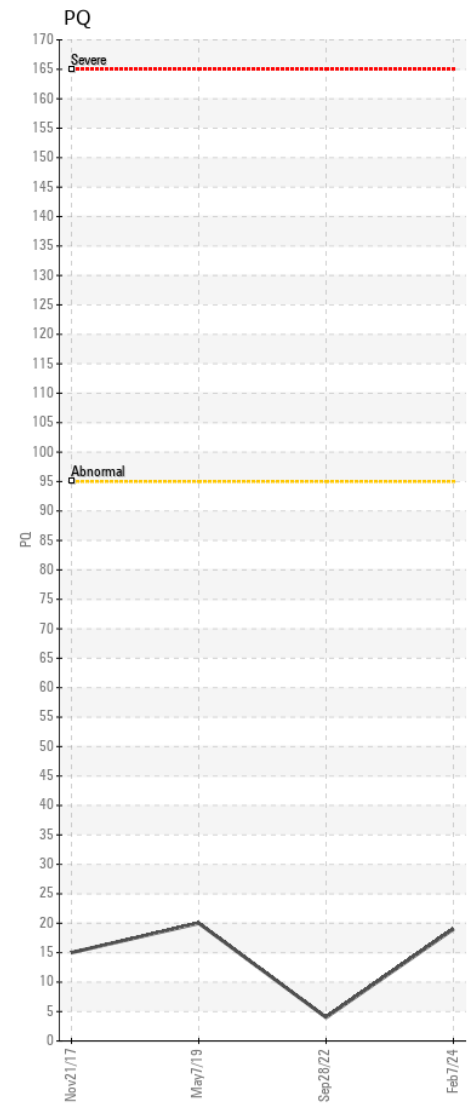
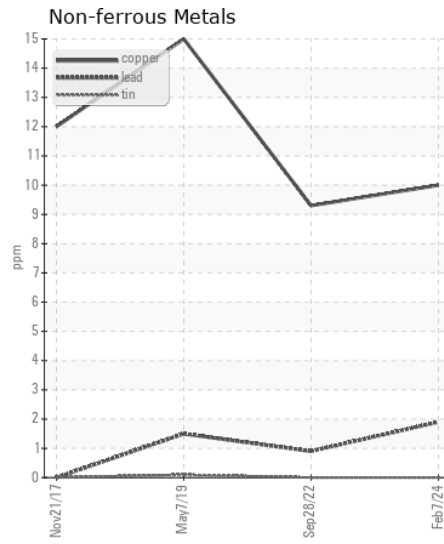
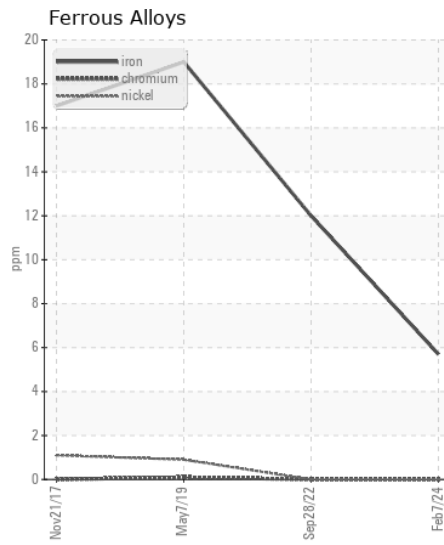
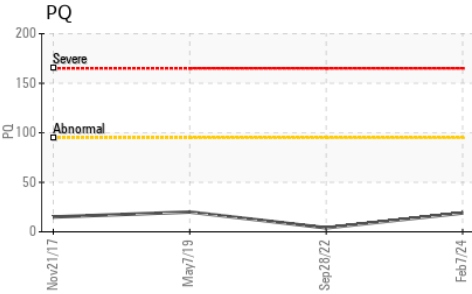
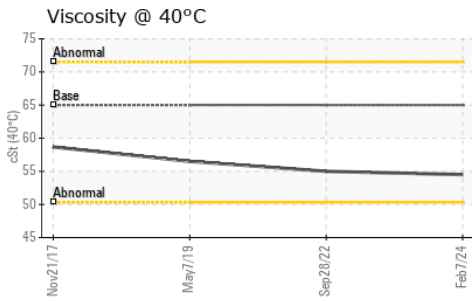
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>125	<b>0</b>	0	2
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	1	17
Water		WC Method	>0.1	<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	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0	1
Boron	ppm	ASTM D5185m		<b>0</b>	1	<1
Barium	ppm	ASTM D5185m		<b>0</b>	2	<1
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m		<b>0</b>	2	<1
Calcium	ppm	ASTM D5185m	87	<b>89</b>	87	94
Phosphorus	ppm	ASTM D5185m	727	<b>551</b>	632	610
Zinc	ppm	ASTM D5185m	900	<b>768</b>	843	823
Sulfur	ppm	ASTM D5185m	1500	<b>1479</b>	1962	1489
Visc @ 40°C	cSt	ASTM D445	65	<b>54.5</b>	55.0	56.5



Certificate L2367

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

**Sample No.** : JR0196368

**Lab Number** : 06085014

**Unique Number** : 10872459

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 09 Feb 2024

**Tested** : 11 Feb 2024

**Diagnosed** : 12 Feb 2024 - Don Baldrige

**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)