



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

Area  
**[05W45976]**  
 Machine Id  
**JOHN DEERE 750L 1T0750LXCNF430917**  
 Component  
**Left Outer 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>JR0210987</b>	JR0195950	JR0181942
Sample Date		Client Info		<b>08 Apr 2024</b>	08 Dec 2023	15 Aug 2023
Machine Age	hrs	Client Info		<b>2480</b>	1441	1441
Oil Age	hrs	Client Info		<b>510</b>	1441	1441
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>67</b>	131	73
Iron	ppm	ASTM D5185m	>750	<b>70</b>	177	95
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	2	1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>8</b>	24	19
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	0	1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

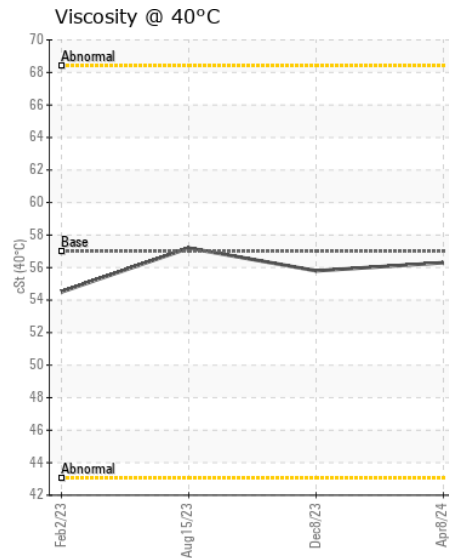
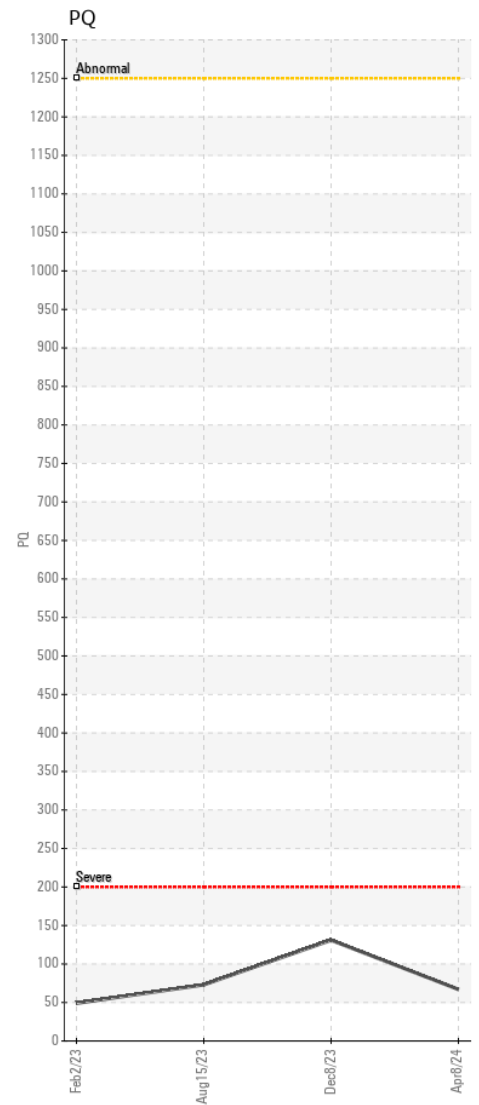
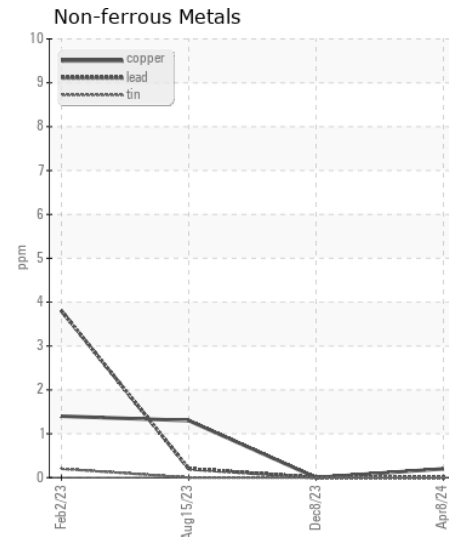
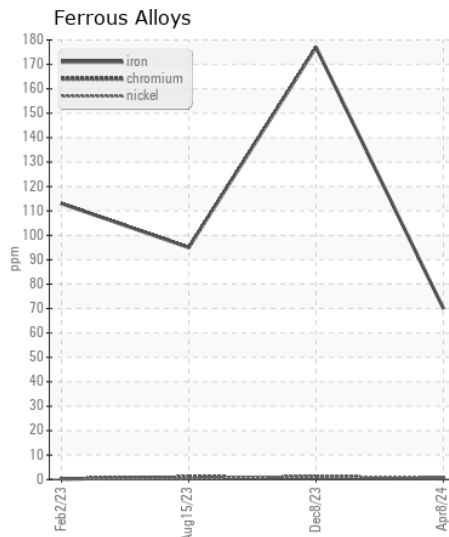
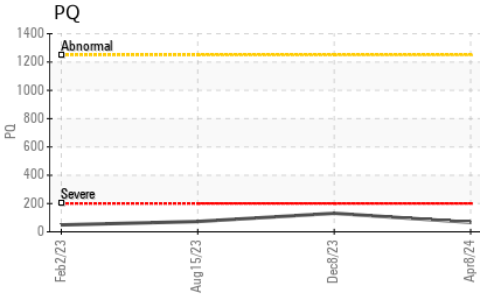
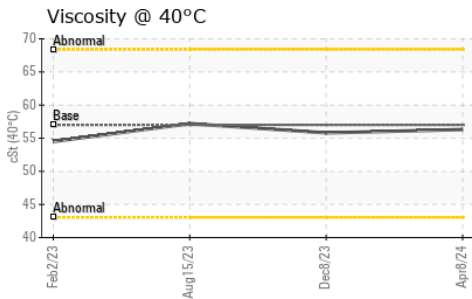
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>36</b>	89	53
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	7	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>	0	1
Boron	ppm	ASTM D5185m	6	<b>6</b>	5	8
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>5</b>	5	4
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Magnesium	ppm	ASTM D5185m	145	<b>113</b>	116	117
Calcium	ppm	ASTM D5185m	3570	<b>3476</b>	3379	3317
Phosphorus	ppm	ASTM D5185m	1290	<b>1194</b>	969	1008
Zinc	ppm	ASTM D5185m	1640	<b>1259</b>	1229	1236
Sulfur	ppm	ASTM D5185m		<b>4735</b>	4111	4484
Visc @ 40°C	cSt	ASTM D445	57.0	<b>56.3</b>	55.8	57.2



Certificate L2367

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

**Sample No.** : JR0210987

**Lab Number** : 06145414

**Unique Number** : 10970222

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

**Received** : 10 Apr 2024

**Tested** : 12 Apr 2024

**Diagnosed** : 12 Apr 2024 - Wes Davis

**JRE - MANASSAS PARK**

9107 OWENS DRIVE

MANASSAS PARK, VA

US 20111

Contact: TECHNICIAN ACCOUNT

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T:

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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