



# OIL ANALYSIS REPORT

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



Area  
**Store 4 - Fairmont**  
Machine Id  
**JOHN DEERE 750K 1T0750KXLFF288639**  
Component  
**Transmission**  
Fluid  
**{not provided} (28 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LECP178188</b>	LECP180005	LECP150317
Sample Date		Client Info		<b>19 Apr 2018</b>	22 Sep 2017	15 Sep 2016
Machine Age	hrs	Client Info		<b>1264</b>	885	410
Oil Age	hrs	Client Info		<b>1264</b>	885	410
Filter Age	hrs	Client Info		<b>0</b>	885	410
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	<b>22</b>	14	13.0
Iron	ppm	ASTM D5185m	>61	<b>17</b>	11	13
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	0
Lead	ppm	ASTM D5185m	>9	<b>&lt;1</b>	0	1
Copper	ppm	ASTM D5185m	>100	<b>6</b>	5	5
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	2	2
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

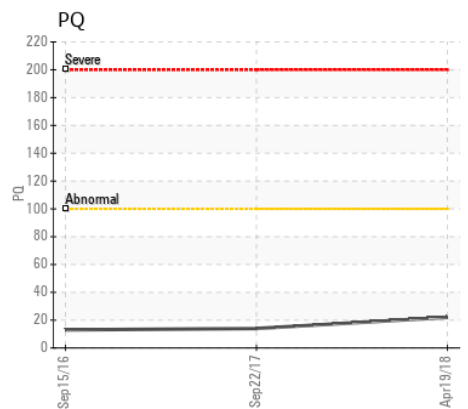
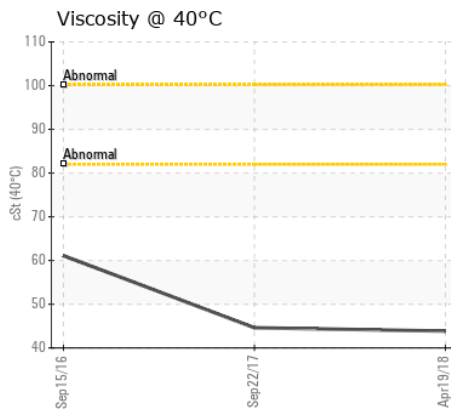
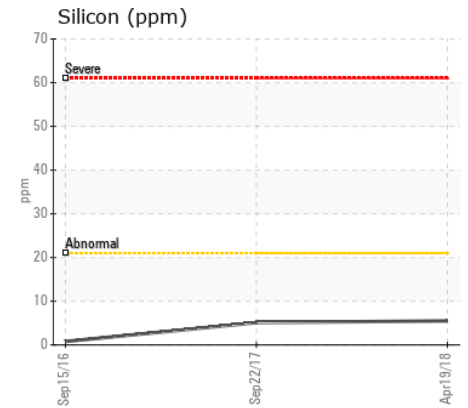
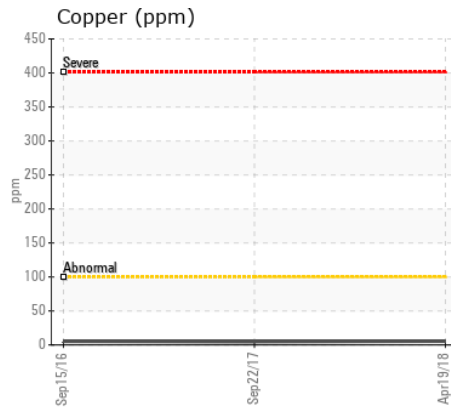
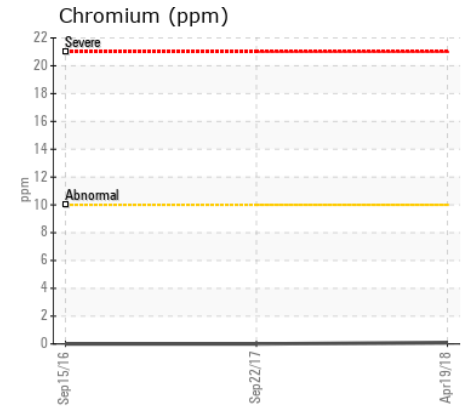
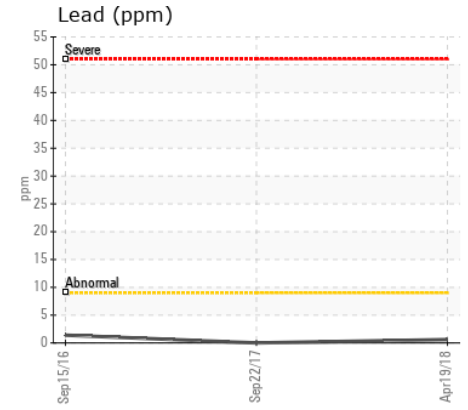
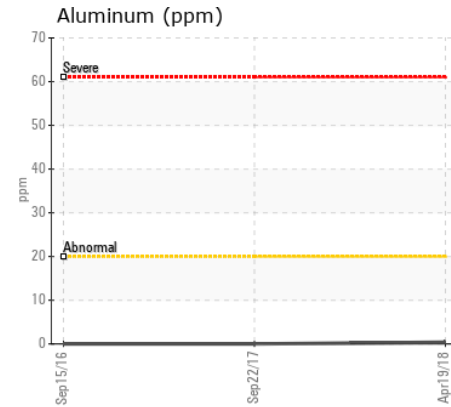
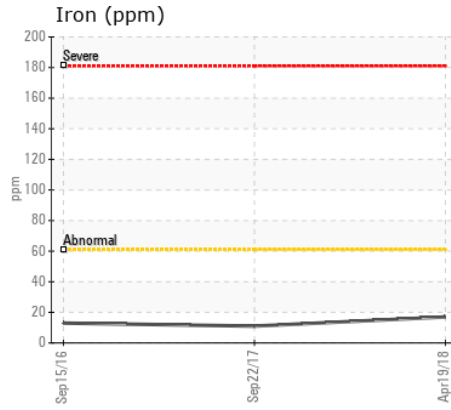
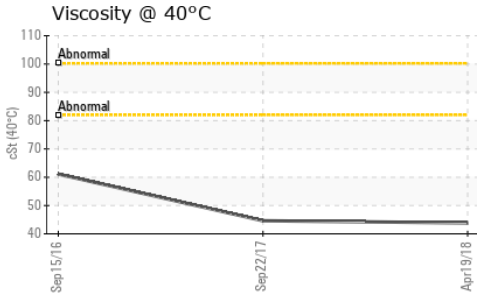
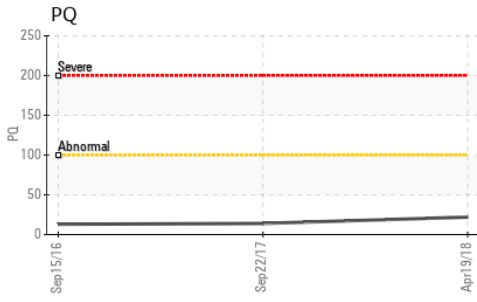
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	<b>6</b>	5	<1
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	<1
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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>30	<b>2</b>	2	1
Boron	ppm	ASTM D5185m		<b>2</b>	3	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>34</b>	30	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m		<b>6</b>	6	0
Calcium	ppm	ASTM D5185m		<b>1367</b>	1228	90
Phosphorus	ppm	ASTM D5185m		<b>732</b>	664	689
Zinc	ppm	ASTM D5185m		<b>867</b>	831	798
Sulfur	ppm	ASTM D5185m		<b>1887</b>	1970	1606
Visc @ 40°C	cSt	ASTM D445		<b>43.85</b>	44.62	61.12



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC178188 **Received** : 20 Apr 2018  
**Lab Number** : 04454837 **Tested** : 23 Apr 2018  
**Unique Number** : 8173594 **Diagnosed** : 23 Apr 2018 - Jonathan Hester  
**Test Package** : MOB 1 ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
 KendalLeanne@lec1.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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