



# OIL ANALYSIS REPORT

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



Area  
**{unassigned}**  
Machine Id  
**JOHN DEERE 750L 1T0750LXTLF386960**  
Component  
**Right Inner Final Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (4 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0049796</b>	LEC0039191	LEC0031634
Sample Date		Client Info		<b>01 Jul 2024</b>	17 Feb 2023	06 Jun 2022
Machine Age	hrs	Client Info		<b>2358</b>	1629	1071
Oil Age	hrs	Client Info		<b>1287</b>	558	1071
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Changed
Filter Changed		Client Info		<b>N/A</b>	None	None
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>73</b>	41	52
Iron	ppm	ASTM D5185m	>750	<b>164</b>	68	86
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	2	<1
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>40	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

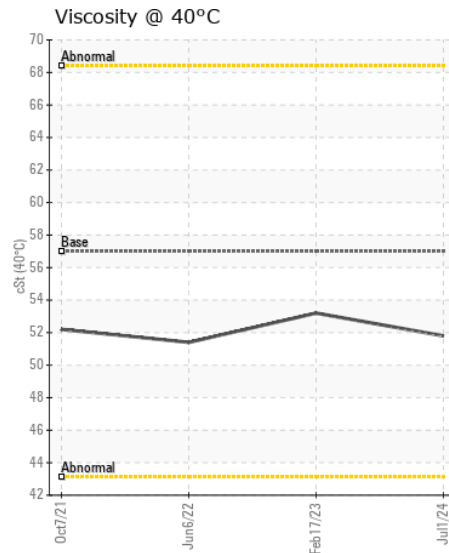
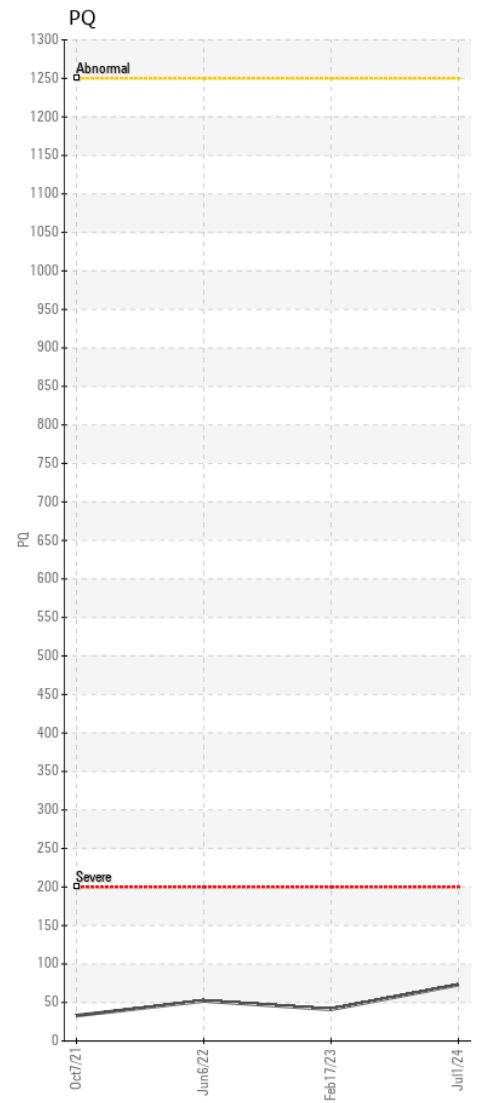
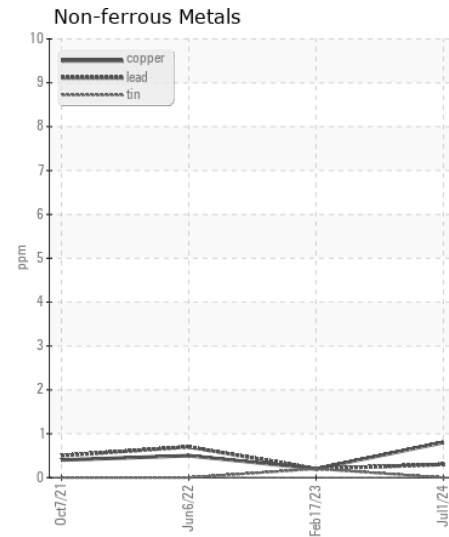
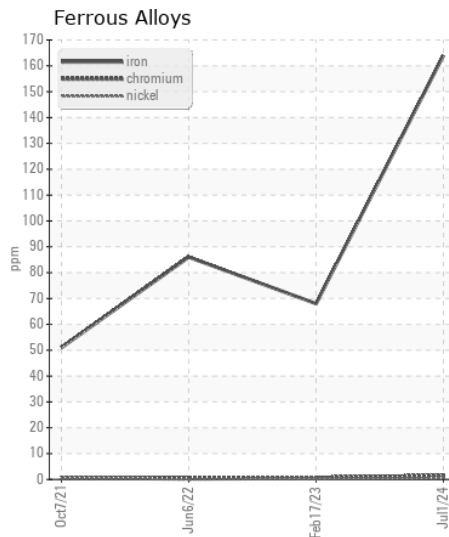
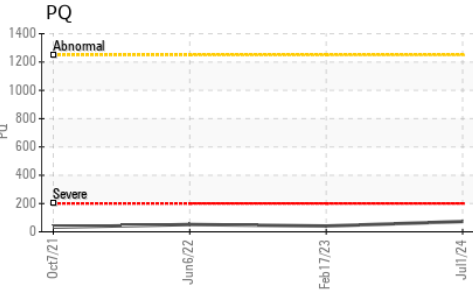
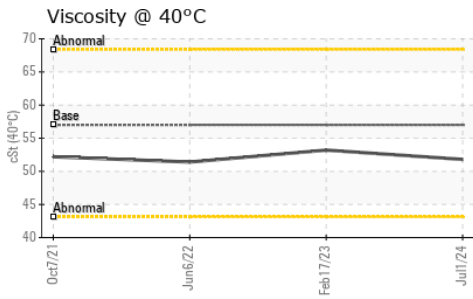
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>9</b>	7	4
Potassium	ppm	ASTM D5185m	>20	<b>0</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	VLITE
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>4</b>	1	0
Boron	ppm	ASTM D5185m	6	<b>&lt;1</b>	2	9
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	2
Molybdenum	ppm	ASTM D5185m	0	<b>6</b>	3	<1
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	1
Magnesium	ppm	ASTM D5185m	145	<b>103</b>	103	94
Calcium	ppm	ASTM D5185m	3570	<b>3736</b>	3456	3319
Phosphorus	ppm	ASTM D5185m	1290	<b>1092</b>	970	991
Zinc	ppm	ASTM D5185m	1640	<b>1237</b>	1196	1211
Sulfur	ppm	ASTM D5185m		<b>4112</b>	3856	3479
Visc @ 40°C	cSt	ASTM D445	57.0	<b>51.8</b>	53.2	51.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0049796 **Received** : 05 Jul 2024  
**Lab Number** : 06228927 **Tested** : 08 Jul 2024  
**Unique Number** : 11112420 **Diagnosed** : 08 Jul 2024 - Wes Davis  
**Test Package** : CONST ( 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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