



# OIL ANALYSIS REPORT

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



Area  
**Store 9 - Marietta**  
Machine Id  
**JOHN DEERE 950K 1T0950KPPJF340943**  
Component  
**Right Outer Final Drive**  
Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

## WEAR

All component wear rates are normal.

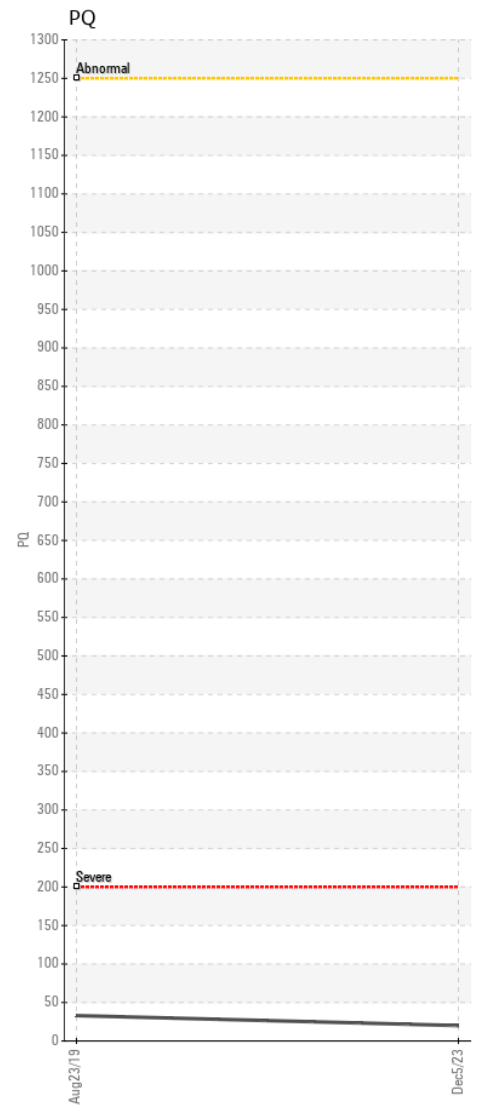
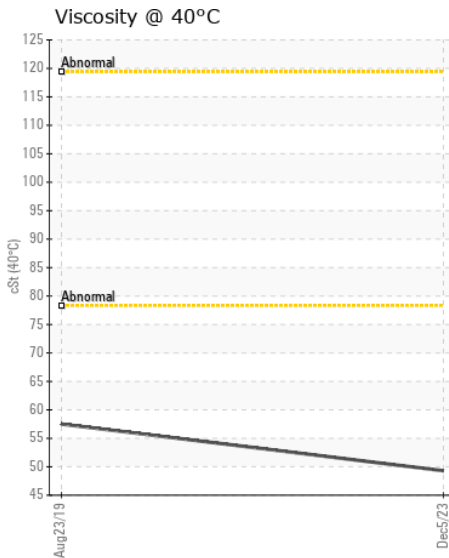
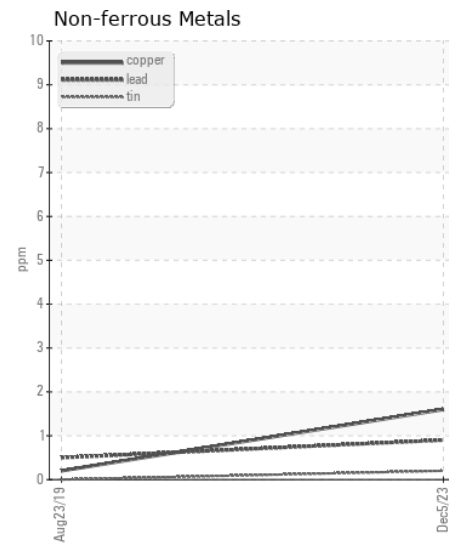
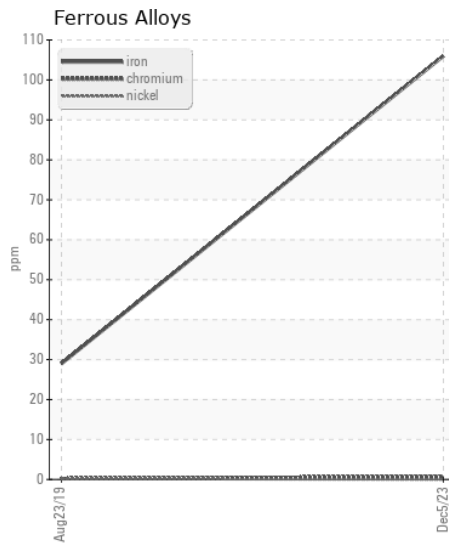
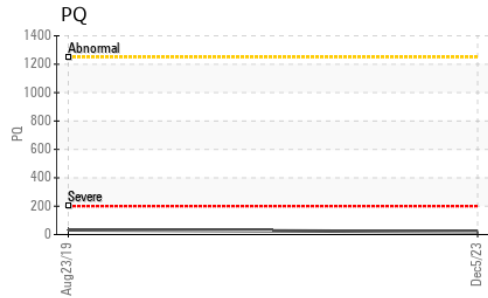
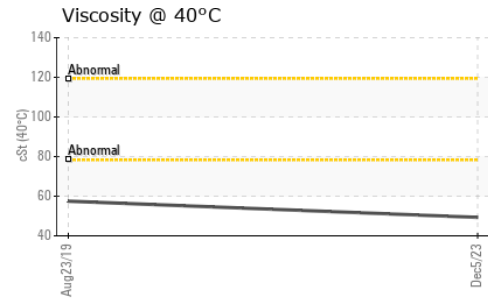
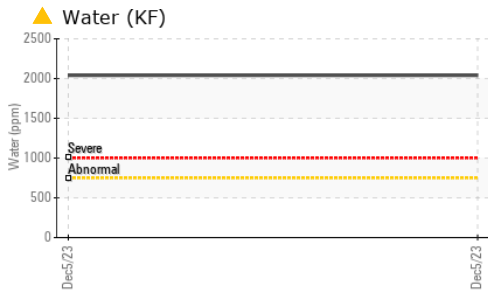
## CONTAMINATION

There is a light concentration of water present in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0046620</b>	LEC0003371	---
Sample Date		Client Info		<b>05 Dec 2023</b>	23 Aug 2019	---
Machine Age	hrs	Client Info		<b>3189</b>	491	---
Oil Age	hrs	Client Info		<b>978</b>	491	---
Filter Age	hrs	Client Info		<b>0</b>	491	---
Oil Changed		Client Info		<b>Changed</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	Not Changed	---
Sample Status				<b>ABNORMAL</b>	NORMAL	---
PQ		ASTM D8184	>1250	<b>20</b>	33	---
Iron	ppm	ASTM D5185m	>750	<b>106</b>	29	---
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	2	---
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	<1	---
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>40	<b>2</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>75	<b>10</b>	3	---
Potassium	ppm	ASTM D5185m	>20	<b>11</b>	10	---
Water	%	ASTM D6304	>0.075	<b>▲ 0.204</b>	---	---
ppm Water	ppm	ASTM D6304	>750	<b>▲ 2040</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.075	<b>▲ 0.2%</b>	NEG	---
Sodium	ppm	ASTM D5185m	>51	<b>5</b>	4	---
Boron	ppm	ASTM D5185m		<b>5</b>	2	---
Barium	ppm	ASTM D5185m		<b>0</b>	24	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>93</b>	114	---
Calcium	ppm	ASTM D5185m		<b>3415</b>	3196	---
Phosphorus	ppm	ASTM D5185m		<b>1014</b>	951	---
Zinc	ppm	ASTM D5185m		<b>1193</b>	1110	---
Sulfur	ppm	ASTM D5185m		<b>3485</b>	3162	---
Visc @ 40°C	cSt	ASTM D445		<b>49.3</b>	57.5	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0046620 **Received** : 07 Dec 2023  
**Lab Number** : 06028113 **Tested** : 11 Dec 2023  
**Unique Number** : 10777904 **Diagnosed** : 11 Dec 2023 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: KF, 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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 F: (740)373-5570