



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Area  
**{unassigned}**  
Machine Id  
**JOHN DEERE 950K 1T0950KPVJF339846**  
Component  
**Left Inner Final Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (2 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0044328	LEC0016854	---
Sample Date		Client Info		26 Sep 2023	25 Sep 2020	---
Machine Age	hrs	Client Info		3125	326	---
Oil Age	hrs	Client Info		3125	326	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		None	Changed	---
Sample Status				ATTENTION	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	16	24	---
Iron	ppm	ASTM D5185m	>750	3	25	---
Chromium	ppm	ASTM D5185m	>9	0	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	0	0	---
Lead	ppm	ASTM D5185m	>15	0	2	---
Copper	ppm	ASTM D5185m	>40	0	1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

## CONTAMINATION

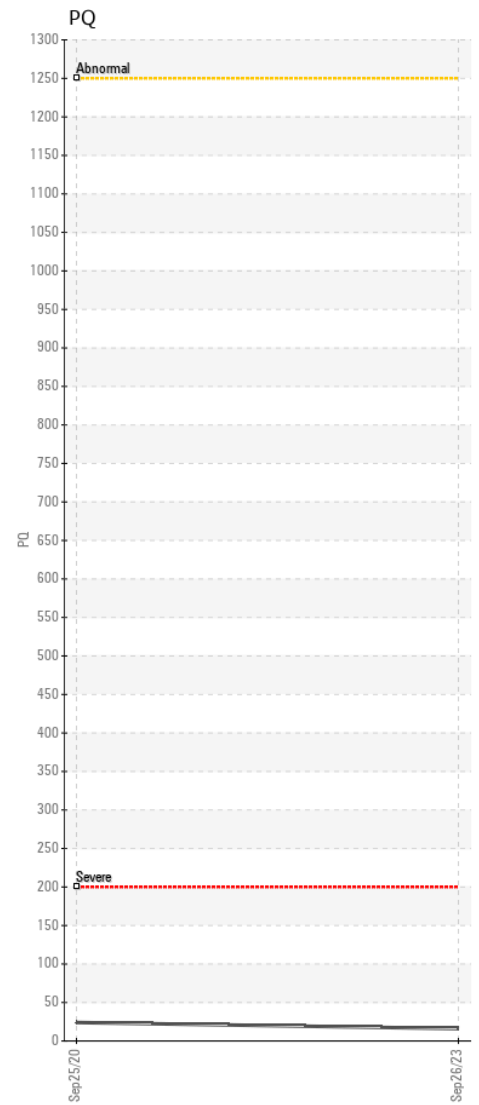
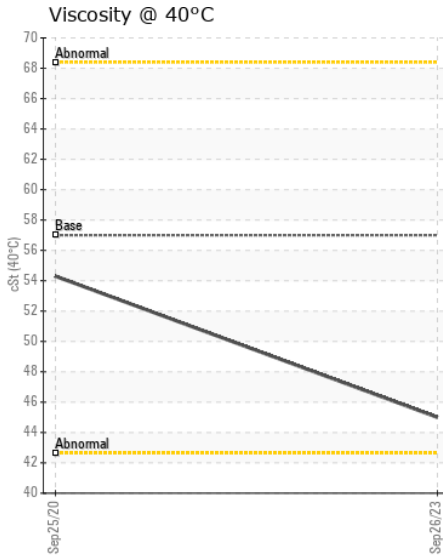
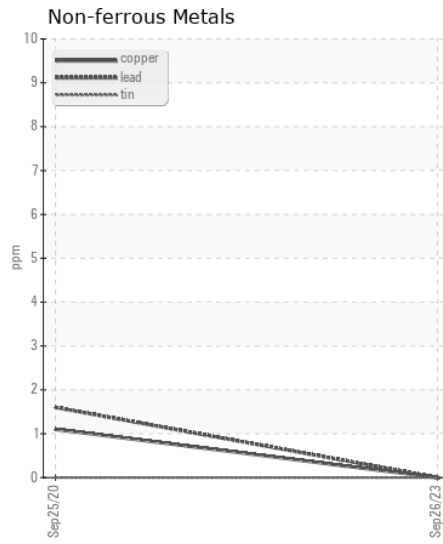
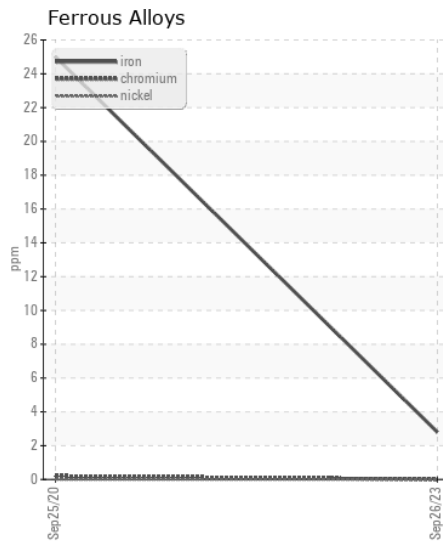
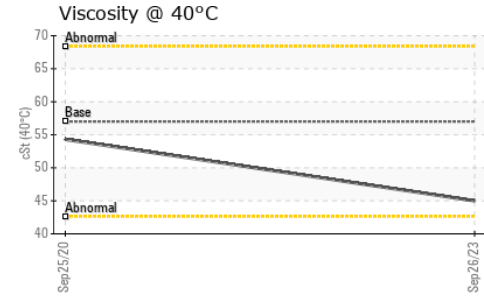
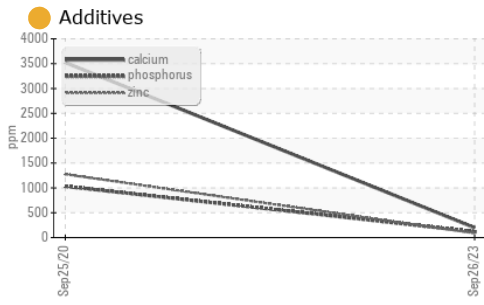
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<1	4	---
Potassium	ppm	ASTM D5185m	>20	<1	9	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

## FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Sodium	ppm	ASTM D5185m	>51	0	2	---
Boron	ppm	ASTM D5185m	6	0	10	---
Barium	ppm	ASTM D5185m	0	2	1	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m	145	5	96	---
Calcium	ppm	ASTM D5185m	3570	198	3523	---
Phosphorus	ppm	ASTM D5185m	1290	117	1031	---
Zinc	ppm	ASTM D5185m	1640	87	1274	---
Sulfur	ppm	ASTM D5185m		536	3271	---
Visc @ 40°C	cSt	ASTM D445	57.0	45.0	54.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0044328 **Received** : 28 Sep 2023  
**Lab Number** : 05963760 **Tested** : 29 Sep 2023  
**Unique Number** : 10670311 **Diagnosed** : 01 Oct 2023 - Don Baldrige  
**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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