

# **PROBLEM SUMMARY**

## Sample Rating Trend

## WATER



**Store 3 - Norton**Machine Id
JOHN DEERE 672G 1DW672GPPEF661896

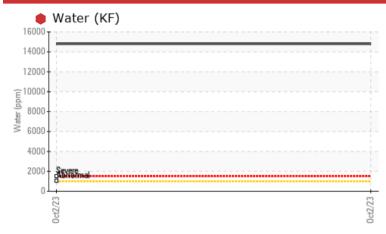
Right Tandem

JOHN DEERE HY-GARD HYD/TRANS (20 GAL)





### COMPONENT CONDITION SUMMARY



### RECOMMENDATION

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS									
Sample Status				SEVERE					
Water	%	ASTM D6304	>0.1	<b>1.48</b>					
ppm Water	ppm	ASTM D6304	>1000	<b>14800</b>					
Emulsified Water	scalar	*Visual	>0.1	0.2%					

Customer Id: LESMAROH Sample No.: LEC0042967 Lab Number: 05969222 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Resample			?	We recommend an early resample to monitor this condition.			
Check Water Access			?	We advise that you check for the source of water entry.			

# HISTORICAL DIAGNOSIS



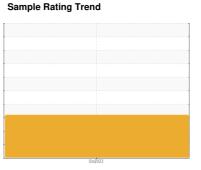
# **OIL ANALYSIS REPORT**



Store 3 - Norton **JOHN DEERE 672G 1DW672GPPEF661896** 

**Right Tandem** 

JOHN DEERE HY-GARD





**DIAGNOSIS** 

### Recommendation

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

### Wear

All component wear rates are normal.

### Contamination

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

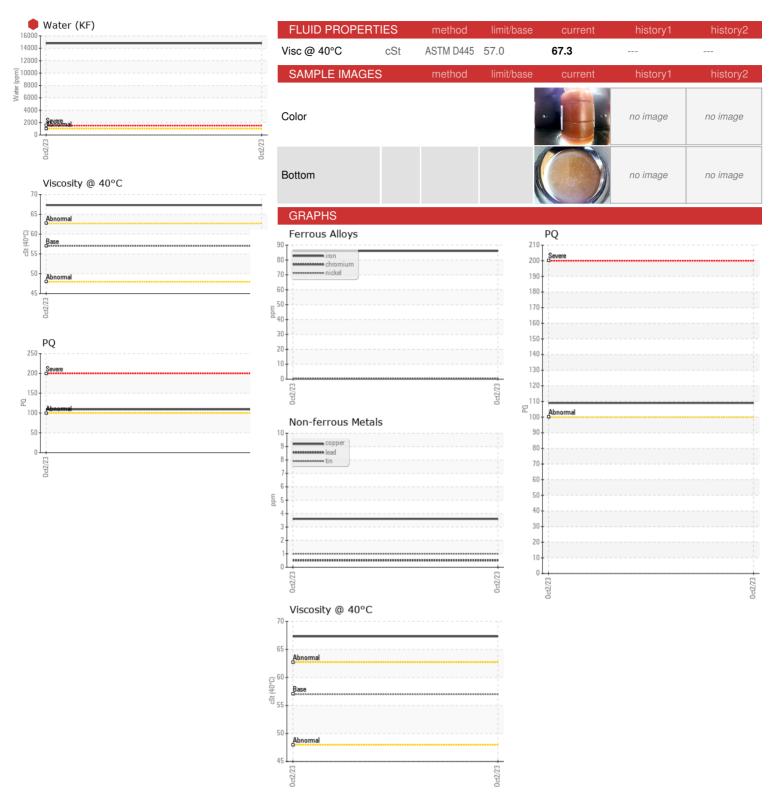
### **Fluid Condition**

The oil is no longer serviceable due to the presence of contaminants.

D HYD/TRANS (20	GAL)			0ct2023		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		LEC0042967		
Sample Date		Client Info		02 Oct 2023		
Machine Age	hrs	Client Info		3902		
Oil Age	hrs	Client Info		3902		
Oil Changed		Client Info		Changed		
Sample Status				SEVERE		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		109		
Iron	ppm	ASTM D5185m	>250	86		
Chromium	ppm	ASTM D5185m	>11	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>40	9		
Lead	ppm	ASTM D5185m	>11	<1		
Copper	ppm	ASTM D5185m	>25	4		
Tin	ppm	ASTM D5185m		1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	6		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	2		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	145	22		
Calcium	ppm	ASTM D5185m	3570	2196		
Phosphorus	ppm	ASTM D5185m	1290	1111		
Zinc	ppm	ASTM D5185m	1640	1378		
Sulfur	ppm	ASTM D5185m		3968		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		14		
Sodium	ppm	ASTM D5185m	>21	0		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.1	1.48		
ppm Water	ppm	ASTM D6304	>1000	14800		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	0.2%		
Free Water	scalar	*Visual		NEG		



# **OIL ANALYSIS REPORT**







Laboratory Sample No. Lab Number Unique Number : 10675773

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : LEC0042967 : 05969222

Received Diagnosed Diagnostician : Don Baldridge

: 04 Oct 2023 : 06 Oct 2023

Test Package : CONST ( Additional Tests: KF, PQ ) 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)

LESLIE EQUIPMENT COMPANY

105 TENNIS CENTER DR. MARIETTA, OH US 45750-9765 Contact: LEANNE KENDALL

KendalLeanne@lec1.com

T:

F: (740)373-5570