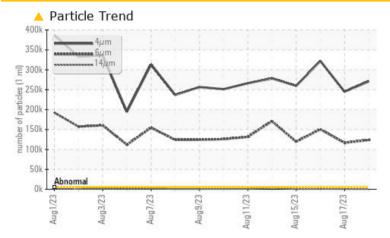
PROBLEM SUMMARY

Area WCLSNC Machine Id QC230801HY

IEA

Component Hydraulic System Fluid JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL				
Particles >4µm	ASTM D7647	>5000	<u> </u>	<u> </u>	▲ 322177				
Particles >6µm	ASTM D7647	>1300	🔺 123762	🔺 116525	🔺 150619				
Particles >14µm	ASTM D7647	>160	🔺 659	6 37	1 016				
Oil Cleanliness	ISO 4406 (c)	>19/17/14	<u> </u>	🔺 25/24/16	🔺 26/24/17				

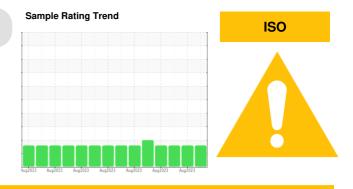
Customer Id: WEACARQA Sample No.: WC0844495 Lab Number: 05928135 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 <u>jhester@wearcheckusa.com</u>

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



RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Change Filter			?	We recommend you service the filters on this component.			

HISTORICAL DIAGNOSIS



17 Aug 2023 Diag: Jonathan Hester

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

view report

16 Aug 2023 Diag: Jonathan Hester



We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

15 Aug 2023 Diag: Jonathan Hester

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.









OIL ANALYSIS REPORT

Oil Age

PQ

Iron

Nickel

Silver

Lead

Tin

Copper

Boron

Barium

Calcium

Zinc

Sulfur

Silicon

Sodium

Water

Particles >38µm

Particles >71um

Oil Cleanliness

Acid Number (AN)

FLUID DEGRADATION

ASTM D7647

ASTM D7647

ISO 4406 (c)

method

mg KOH/g ASTM D8045 1.8

>10

>3

>19/17/14

limit/base

WCLSNC QC230801HY

Component **Hydraulic System**

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

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

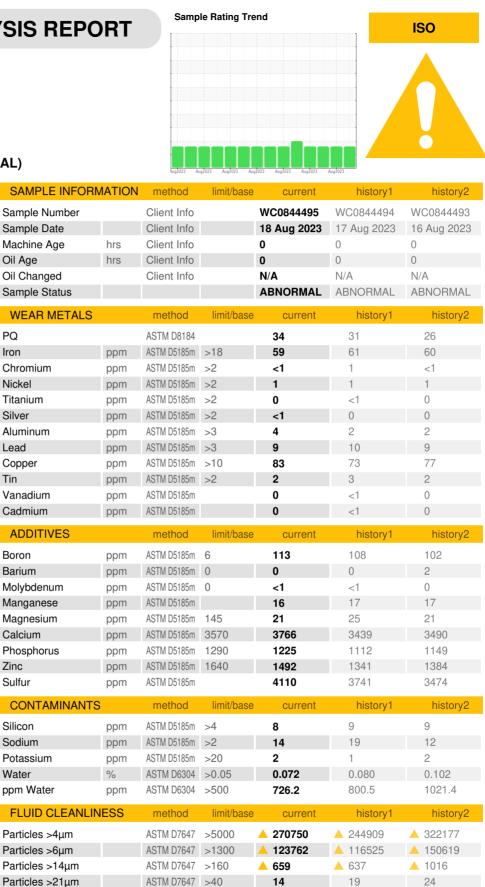
All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



0

0

25/24/17

1.638

current

0

0

25/24/16

1.307

history1

Report Id: WEACARQA [WUSCAR] 05928135 (Generated: 08/23/2023 16:59:59) Rev: 1

1.00

26/24/17

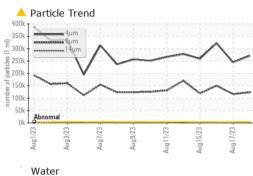
history2

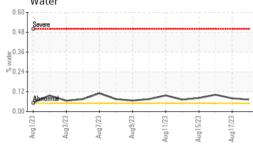
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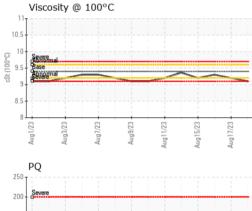
0



OIL ANALYSIS REPORT







VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	MODER	MODER
Debris	scalar	*Visual	NONE	HEAVY	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.0	62.2	62.1	61.4
Visc @ 100°C	cSt	ASTM D445	9.4	9.1	9.2	9.3
Viscosity Index (VI)	Scale	ASTM D2270	147	123	126	131
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color						

Bottom

