



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[W68750]

Machine Id

JOHN DEERE 672GP 1DW672GPTHF681827

Component

Right Tandem

Fluid

JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (20 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W68750)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0220119	JR0192678	JR0189178
Sample Date		Client Info		09 Jul 2024	21 Dec 2023	27 Sep 2023
Machine Age	hrs	Client Info		9643	8974	8514
Oil Age	hrs	Client Info		9643	8974	8514
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		12	14	19
Iron	ppm	ASTM D5185m	>250	13	35	15
Chromium	ppm	ASTM D5185m	>11	0	<1	0
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	<1	<1	3
Lead	ppm	ASTM D5185m	>11	<1	<1	0
Copper	ppm	ASTM D5185m	>25	5	3	<1
Tin	ppm	ASTM D5185m		0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

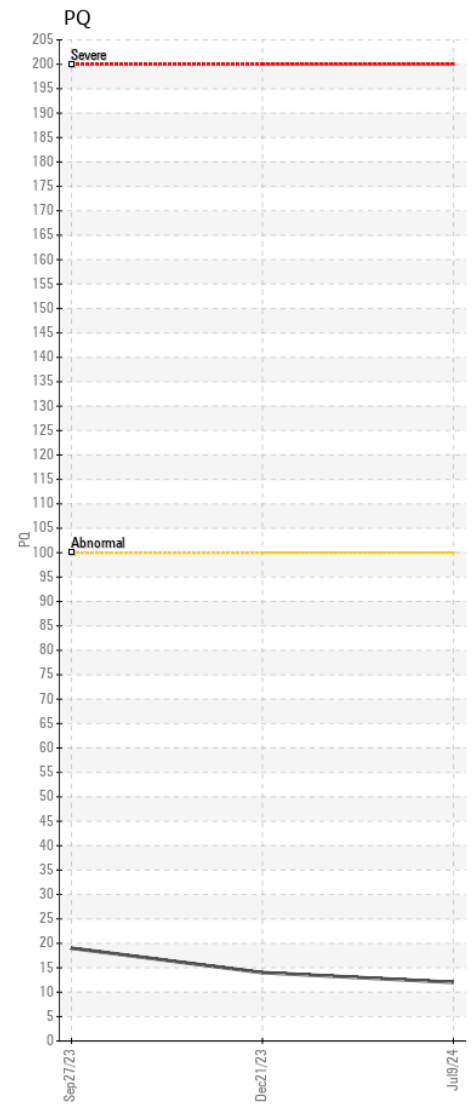
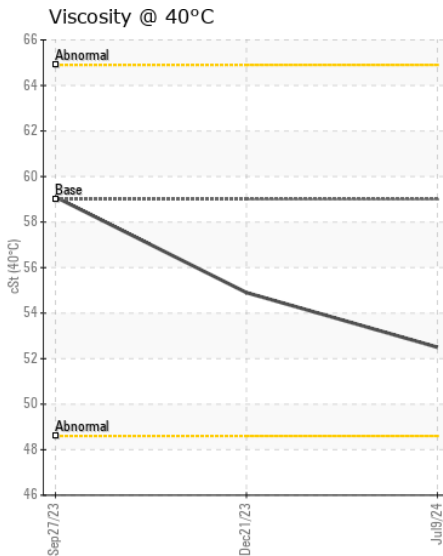
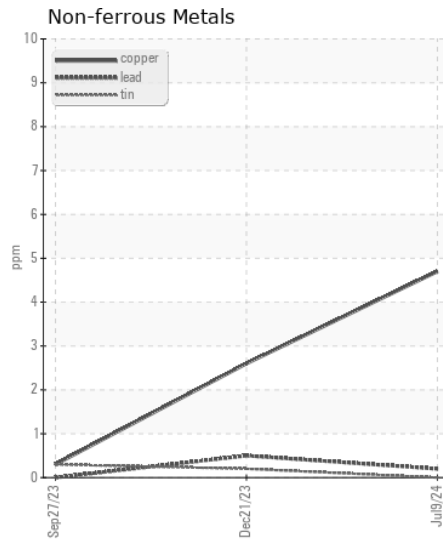
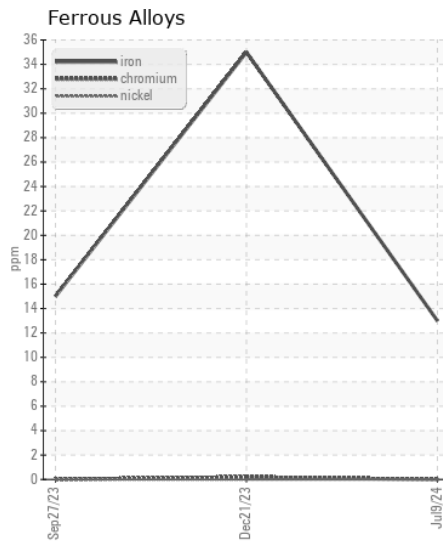
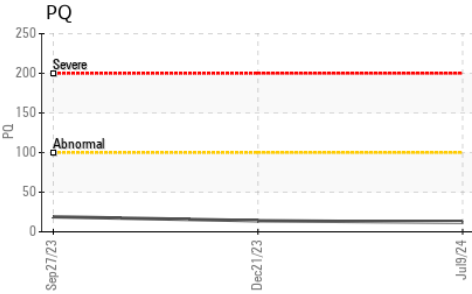
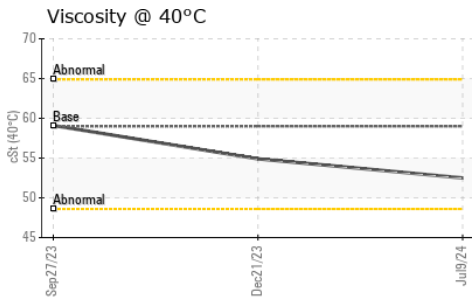
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>100	3	4	7
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	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	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>21	2	<1	<1
Boron	ppm	ASTM D5185m		0	1	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		93	97	104
Calcium	ppm	ASTM D5185m		3230	3389	3296
Phosphorus	ppm	ASTM D5185m		1006	1060	984
Zinc	ppm	ASTM D5185m		1157	1255	1250
Sulfur	ppm	ASTM D5185m		3737	3816	3531
Visc @ 40°C	cSt	ASTM D445	59	52.5	54.9	59.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0220119 **Received** : 15 Jul 2024
Lab Number : 06236318 **Tested** : 16 Jul 2024
Unique Number : 11125152 **Diagnosed** : 16 Jul 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: Chuck Sorrow
 JSorrow@jamesriverequipment.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)

T:
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