



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W62994]
 Machine Id
JOHN DEERE 672G 1DW672GXVCE644735
 Component
Right Tandem
 Fluid
JOHN DEERE HY-GARD HYDRAULIC/RANSMISSION (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W62994)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0198945	JR0150985	JR0141930
Sample Date		Client Info		11 Jan 2024	20 Dec 2022	01 Sep 2022
Machine Age	hrs	Client Info		6678	5266	4773
Oil Age	hrs	Client Info		1412	500	0
Filter Age	hrs	Client Info		0	500	0
Oil Changed		Client Info		Not Changd	Changed	N/A
Filter Changed		Client Info		N/A	Changed	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

Metal levels are typical for a new component breaking in.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		11	12	18
Iron	ppm	ASTM D5185m	>250	4	13	34
Chromium	ppm	ASTM D5185m	>11	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	1
Aluminum	ppm	ASTM D5185m	>40	<1	<1	1
Lead	ppm	ASTM D5185m	>11	0	0	<1
Copper	ppm	ASTM D5185m	>25	<1	<1	6
Tin	ppm	ASTM D5185m		0	0	<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

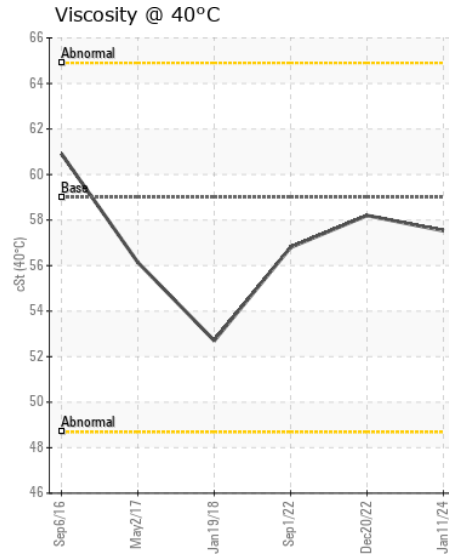
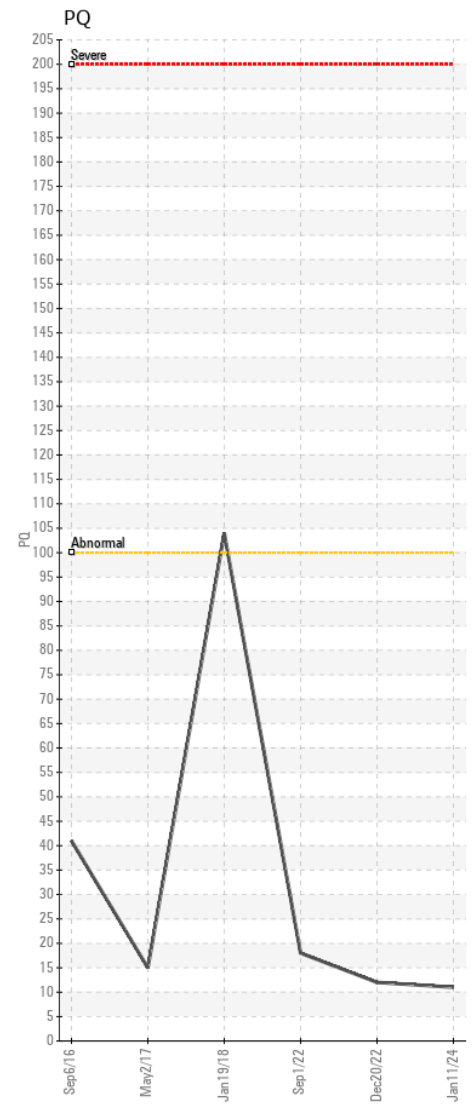
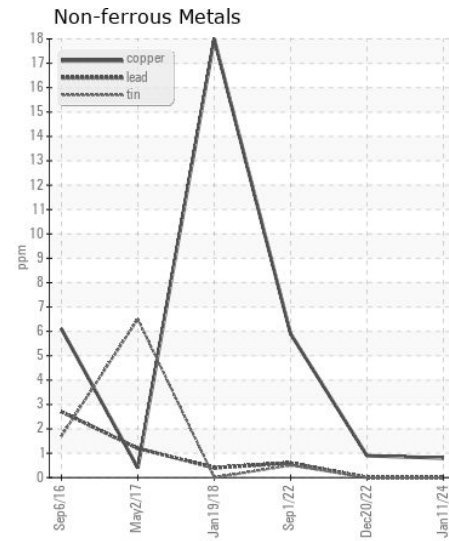
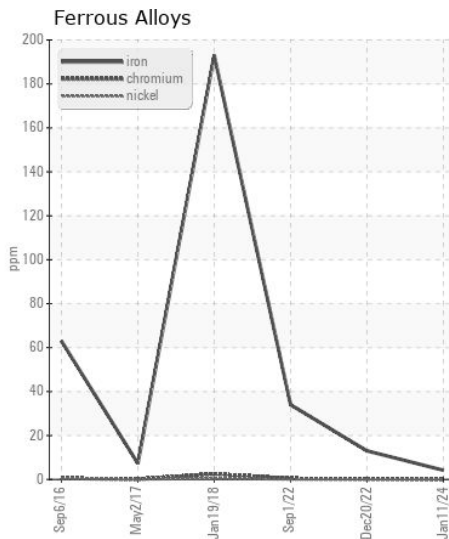
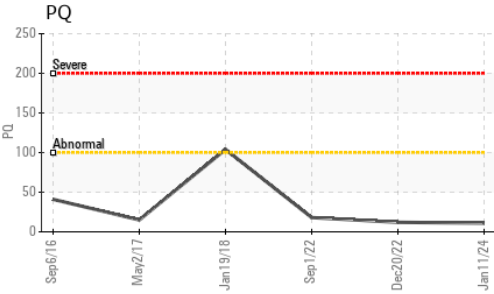
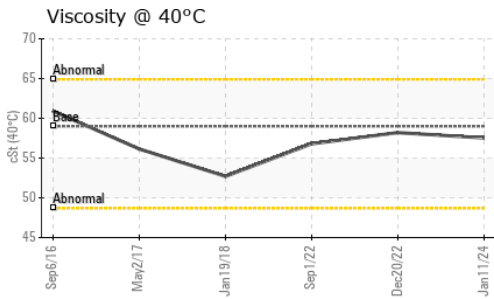
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	4	9	13
Potassium	ppm	ASTM D5185m	>20	0	1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	MODER
Debris	scalar	*Visual	NONE	NONE	LIGHT	▲ MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	▲ HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	▲ 0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>21	1	0	<1
Boron	ppm	ASTM D5185m		<1	<1	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		104	97	90
Calcium	ppm	ASTM D5185m		3322	3602	3331
Phosphorus	ppm	ASTM D5185m		1075	1019	1023
Zinc	ppm	ASTM D5185m		1248	1276	1261
Sulfur	ppm	ASTM D5185m		3681	3603	3611
Visc @ 40°C	cSt	ASTM D445	59	57.53	58.2	56.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0198945 **Received** : 17 Jan 2024
Lab Number : 06063035 **Diagnosed** : 24 Jan 2024
Unique Number : 10834417 **Diagnostician** : Doug Bogart
Test Package : CONST (Additional Tests: 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)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198