



**James River
Equipment**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 672D DW672DX600342
Component
Transmission (Manual)
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0200326	JRMC000200	JRMC019840
Sample Date		Client Info		10 Jan 2024	07 Mar 2006	29 Sep 2005
Machine Age	hrs	Client Info		6932	711	163
Oil Age	hrs	Client Info		0	711	163
Filter Age	hrs	Client Info		0	711	163
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184		18	---	---
Iron	ppm	ASTM D5185m		10	33	12
Chromium	ppm	ASTM D5185m		0	<1	<1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m		<1	3	1
Lead	ppm	ASTM D5185m		1	0	0
Copper	ppm	ASTM D5185m		72	96	50
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

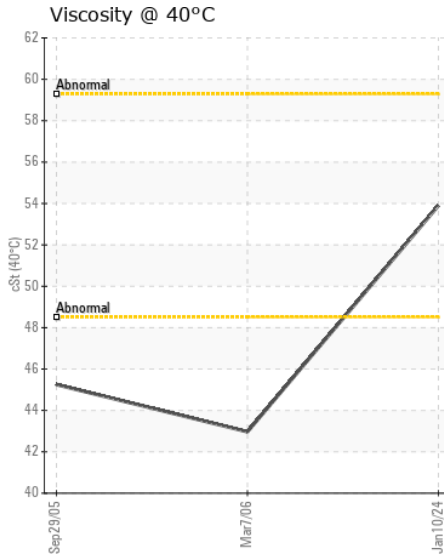
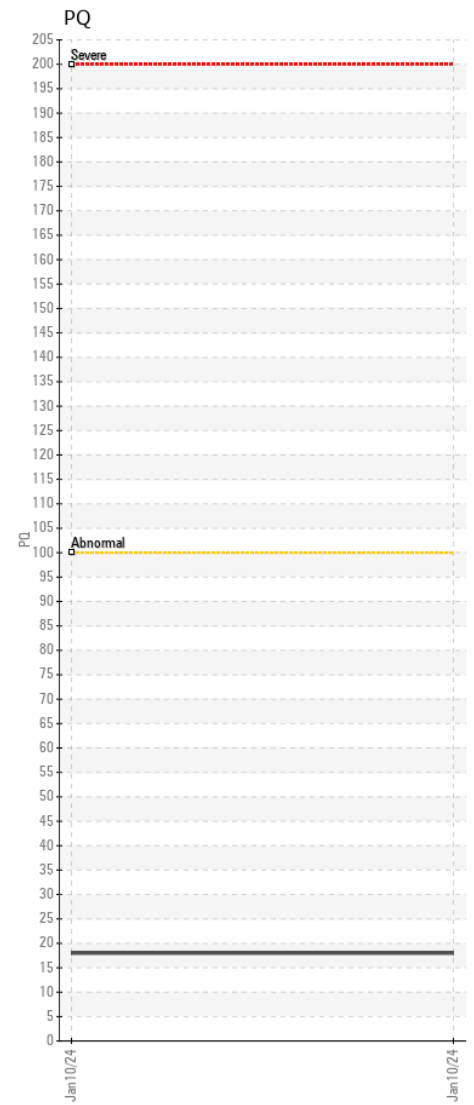
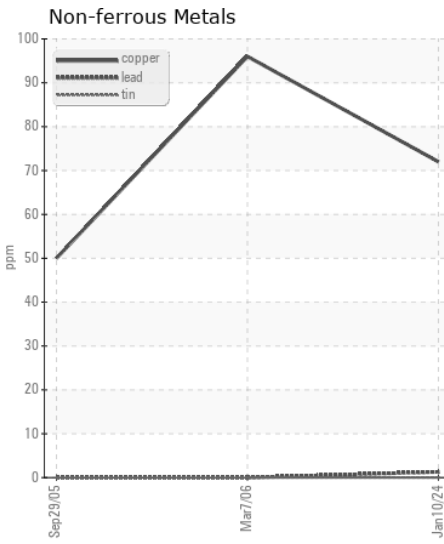
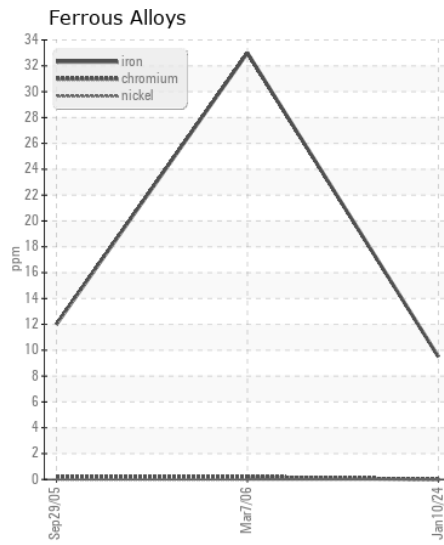
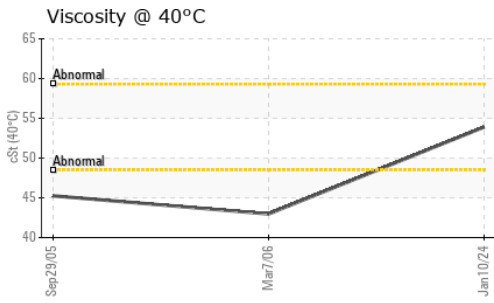
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m		3	12	11
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water		WC Method		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		NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		3	5	4
Boron	ppm	ASTM D5185m		5	7	7
Barium	ppm	ASTM D5185m		0	<1	<1
Molybdenum	ppm	ASTM D5185m		3	1	<1
Manganese	ppm	ASTM D5185m		0	1	<1
Magnesium	ppm	ASTM D5185m		111	86	84
Calcium	ppm	ASTM D5185m		3257	3164	3155
Phosphorus	ppm	ASTM D5185m		924	1004	1040
Zinc	ppm	ASTM D5185m		1268	1204	1186
Sulfur	ppm	ASTM D5185m		3400	3013	3042
Visc @ 40°C	cSt	ASTM D445		53.9	42.97	45.25



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0200326 **Received** : 11 Jan 2024
Lab Number : 06058331 **Diagnosed** : 12 Jan 2024
Unique Number : 10829713 **Diagnostician** : Wes Davis
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)

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