

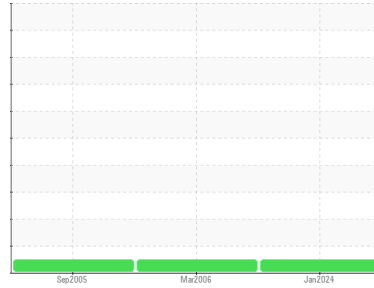
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



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



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	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
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
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
Antimony	ppm	ASTM D5185m	---	2	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	<1	0

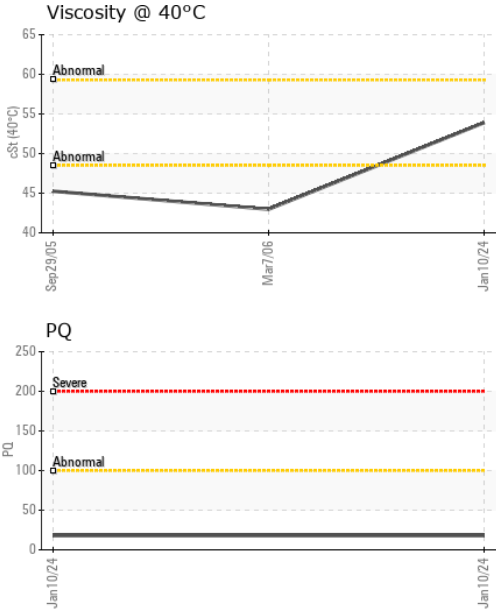
ADDITIVES

	method	limit/base	current	history1	history2
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

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	3	12	11
Sodium	ppm	ASTM D5185m	3	5	4
Potassium	ppm	ASTM D5185m >20	1	0	0

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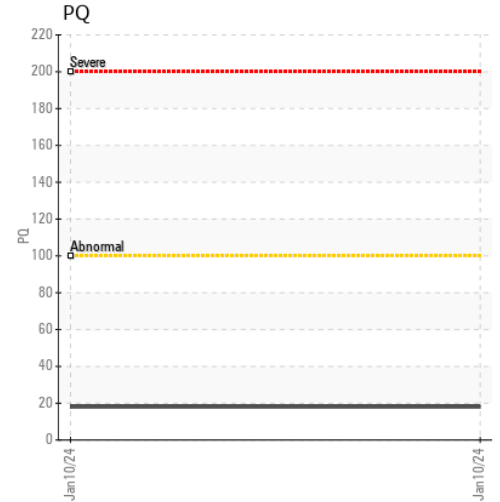
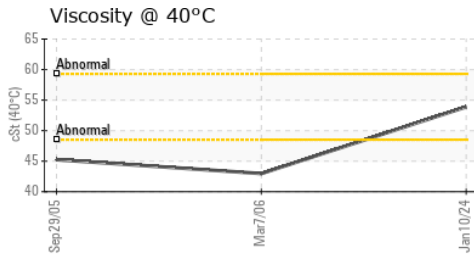
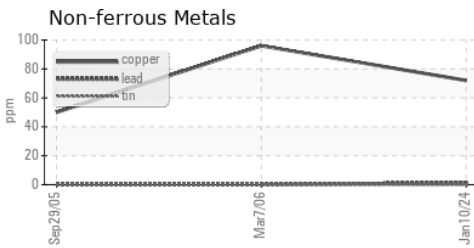
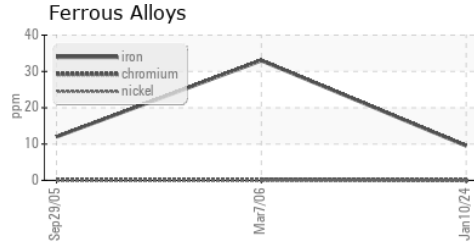
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	53.9	42.97	45.25

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				<i>no image</i>	<i>no image</i>	<i>no image</i>
Bottom				<i>no image</i>	<i>no image</i>	<i>no image</i>

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0200326 **Recieved** : 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)

JRE - ASHLAND
 11047 LEADBETTER RD
 ASHLAND, VA
 US 23005
 Contact: DAVID ZIEG
 dzieg@jamesriverequipment.com
 T: (804)798-6001
 F: (804)798-0292