



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**JOHN DEERE 655K 1T0655KXEEE272750**  
 Component  
**Right Inner Final Drive**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (3 GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0210232</b>	JRMC462449	---
Sample Date		Client Info		<b>22 May 2024</b>	09 Oct 2018	---
Machine Age	hrs	Client Info		<b>2380</b>	1776	---
Oil Age	hrs	Client Info		<b>1776</b>	0	---
Filter Age	hrs	Client Info		<b>1776</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>15</b>	19	---
Iron	ppm	ASTM D5185m	>750	<b>11</b>	9	---
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>1</b>	0	---
Aluminum	ppm	ASTM D5185m	>40	<b>1</b>	<1	---
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m	>40	<b>1</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

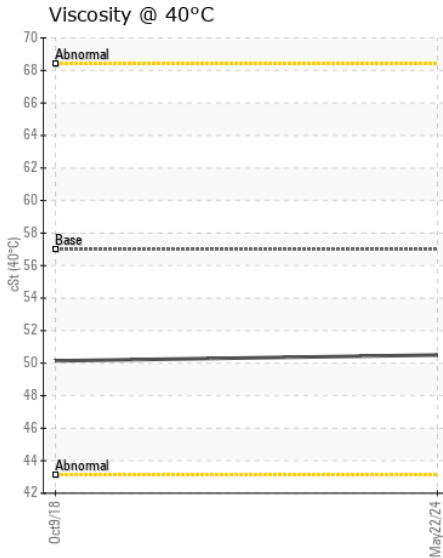
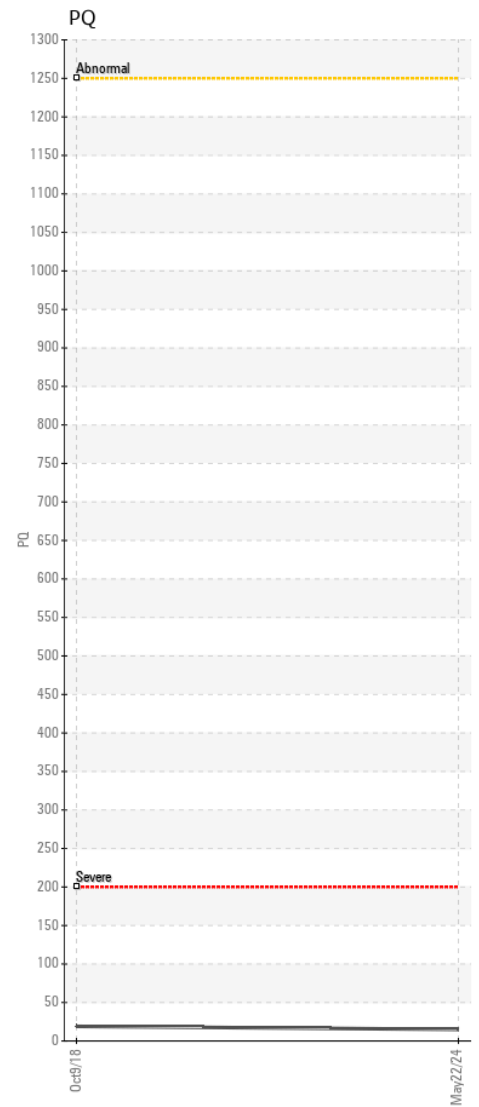
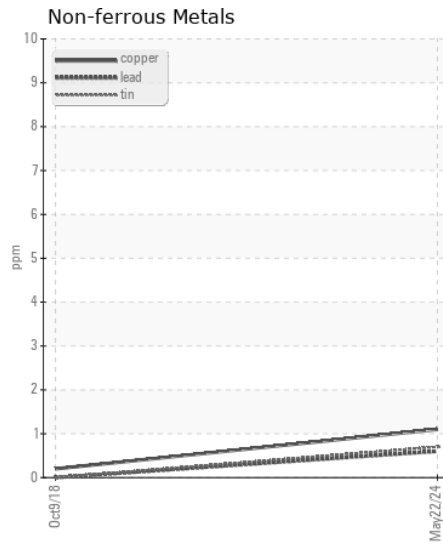
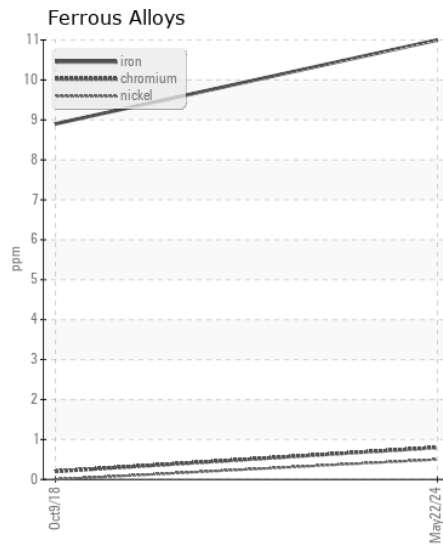
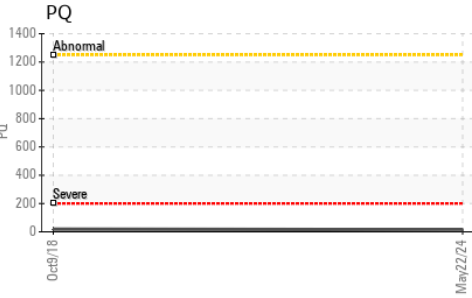
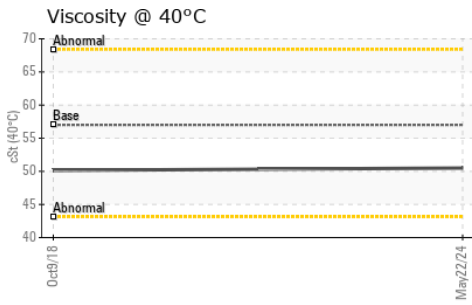
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>14</b>	9	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	3	---
Water		WC Method	>0.075	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>LIGHT</b>	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.075	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>&lt;1</b>	2	---
Boron	ppm	ASTM D5185m	6	<b>4</b>	3	---
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185m	0	<b>3</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	---
Magnesium	ppm	ASTM D5185m	145	<b>116</b>	101	---
Calcium	ppm	ASTM D5185m	3570	<b>3772</b>	3478	---
Phosphorus	ppm	ASTM D5185m	1290	<b>1129</b>	928	---
Zinc	ppm	ASTM D5185m	1640	<b>1390</b>	1121	---
Sulfur	ppm	ASTM D5185m		<b>4407</b>	3300	---
Visc @ 40°C	cSt	ASTM D445	57.0	<b>50.5</b>	50.14	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : JR0210232

**Lab Number** : 06191301

**Unique Number** : 11048053

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 24 May 2024

**Tested** : 29 May 2024

**Diagnosed** : 29 May 2024 - Wes Davis

**JRE - STEPHENSON**

245 YARDMASTER COURT

STEPHENSON, VA

US 22656-1761

Contact: PHIL DAUGHERTY

pdaugherty@jamesriverequipment.com

T: x:

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)

F: (540)693-2588