



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

Area  
**[W22521-02-BANKS]**

Machine Id  
**JOHN DEERE 4044M 1LV4044MPLM172419**

Component  
**Transmission**

Fluid  
**JOHN DEERE HY-GARD HYD/TRANS LOW VIS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0210795</b>	---	---
Sample Date		Client Info		<b>14 Jun 2024</b>	---	---
Machine Age	hrs	Client Info		<b>353</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>100	<b>21</b>	---	---
Iron	ppm	ASTM D5185m	>61	<b>12</b>	---	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185m	>20	<b>3</b>	---	---
Lead	ppm	ASTM D5185m	>9	<b>2</b>	---	---
Copper	ppm	ASTM D5185m	>100	<b>17</b>	---	---
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

### CONTAMINATION

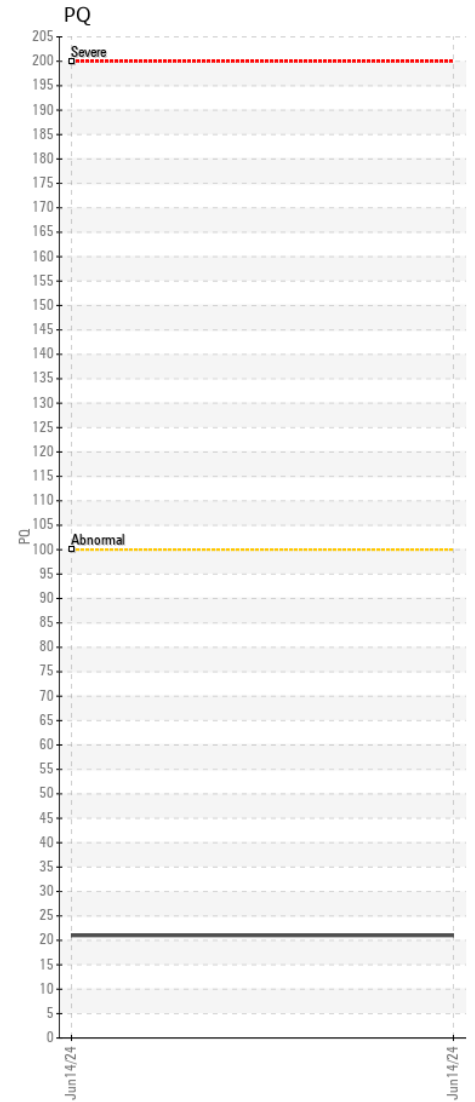
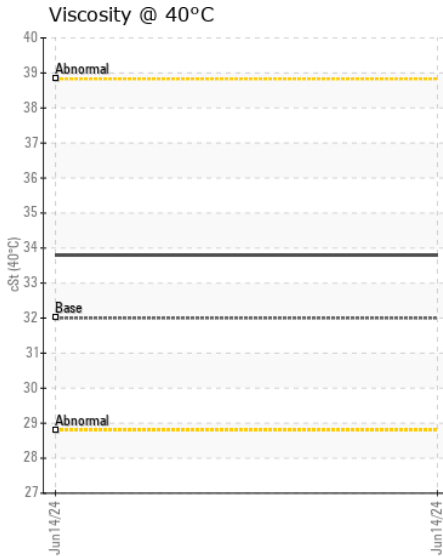
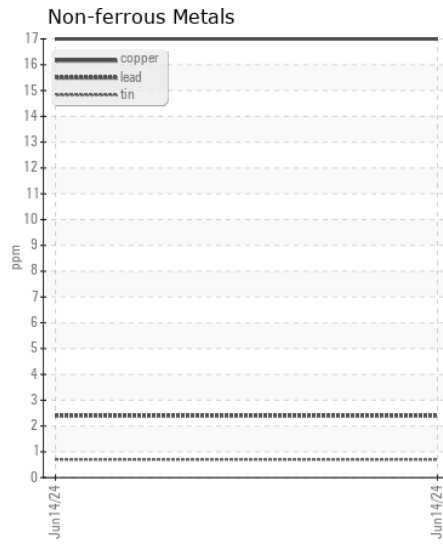
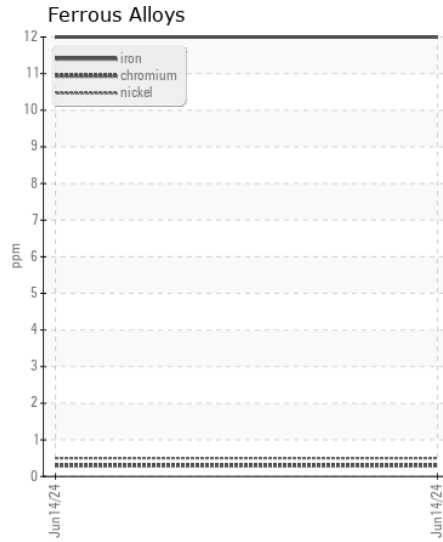
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>21	<b>4</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	---	---
Water		WC Method	>0.075	<b>NEG</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.075	<b>NEG</b>	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>30	<b>&lt;1</b>	---	---
Boron	ppm	ASTM D5185m		<b>2</b>	---	---
Barium	ppm	ASTM D5185m		<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>6</b>	---	---
Manganese	ppm	ASTM D5185m		<b>2</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>95</b>	---	---
Calcium	ppm	ASTM D5185m		<b>3450</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>1156</b>	---	---
Zinc	ppm	ASTM D5185m		<b>1237</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>3878</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0210795 **Received** : 24 Jun 2024  
**Lab Number** : 06218925 **Tested** : 25 Jun 2024  
**Unique Number** : 11097122 **Diagnosed** : 25 Jun 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - BURKEVILLE**  
 510 WEST COLONIAL DR  
 BURKEVILLE, VA  
 US 23922

Contact: BRANDON BOLLING  
 bbolling@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)

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