



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

Machine Id  
**JOHN DEERE 333G 1T0333GMLNF418714**

Component  
**Left Final Drive**

Fluid  
**JOHN DEERE GL-5 80W90 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0215907</b>	---	---
Sample Date		Client Info		<b>01 Jul 2024</b>	---	---
Machine Age	hrs	Client Info		<b>643</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

Metal levels are typical for a new component breaking in.

PQ		ASTM D8184	>1250	<b>37</b>	---	---
Iron	ppm	ASTM D5185m	>750	<b>880</b>	---	---
Chromium	ppm	ASTM D5185m	>9	<b>10</b>	---	---
Nickel	ppm	ASTM D5185m	>10	<b>7</b>	---	---
Titanium	ppm	ASTM D5185m		<b>2</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>40	<b>19</b>	---	---
Lead	ppm	ASTM D5185m	>15	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	>40	<b>2</b>	---	---
Tin	ppm	ASTM D5185m	>10	<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

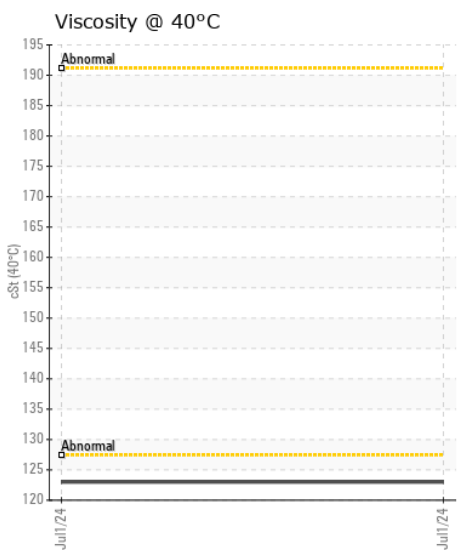
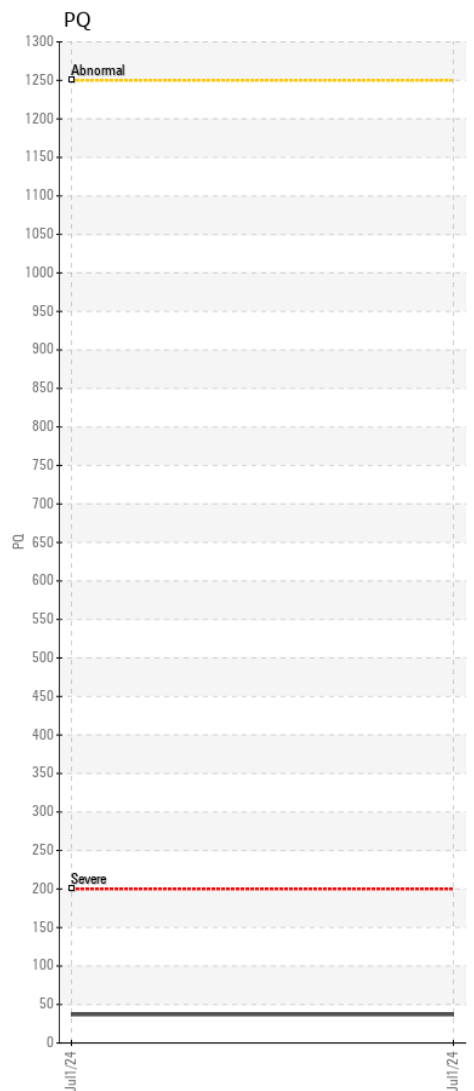
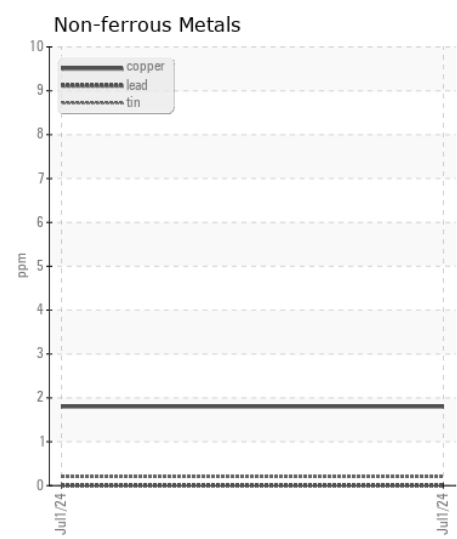
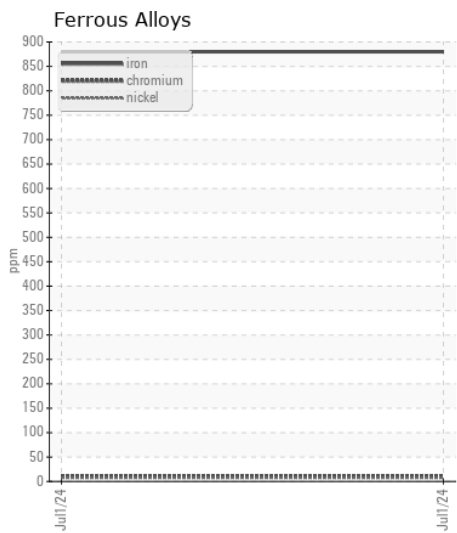
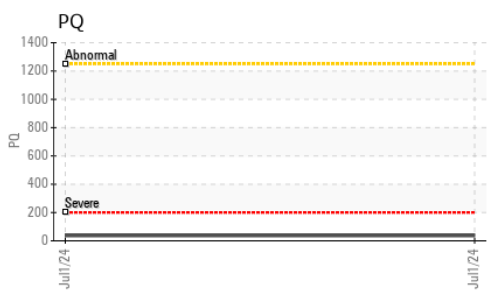
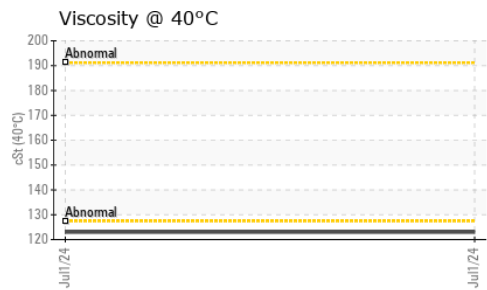
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>58</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>11</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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<b>3</b>	---	---
Boron	ppm	ASTM D5185m		<b>19</b>	---	---
Barium	ppm	ASTM D5185m		<b>7</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m		<b>8</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>4</b>	---	---
Calcium	ppm	ASTM D5185m		<b>16</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>408</b>	---	---
Zinc	ppm	ASTM D5185m		<b>87</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>21983</b>	---	---
Visc @ 40°C	cSt	ASTM D445		<b>123</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0215907 **Received** : 03 Jul 2024  
**Lab Number** : 06227796 **Tested** : 05 Jul 2024  
**Unique Number** : 11111289 **Diagnosed** : 06 Jul 2024 - Don Baldridge  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - STATESVILLE**  
 635 MOCKSVILLE HWY  
 STATESVILLE, NC  
 US 28625

Contact: MIKE CRANFILL  
 MCRANFILL@JAMESRIVEREQUIPMENT.COM  
 T: (704)872-6411

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)