



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

Machine Id  
**JOHN DEERE 6195R A033327**  
 Component  
**Front Differential**  
 Fluid  
**DYNAGARD J20C (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0136248</b>	JR0110438	JR0094423
Sample Date		Client Info		<b>14 Nov 2022</b>	03 Feb 2022	04 Aug 2021
Machine Age	hrs	Client Info		<b>4560</b>	2885	1903
Oil Age	hrs	Client Info		<b>1675</b>	1026	1066
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>18</b>	47	113
Iron	ppm	ASTM D5185m	>500	<b>32</b>	88	157
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	1	2
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m		<b>2</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>1</b>	6	<1
Lead	ppm	ASTM D5185m	>25	<b>1</b>	2	2
Copper	ppm	ASTM D5185m	>100	<b>4</b>	7	6
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	VLITE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

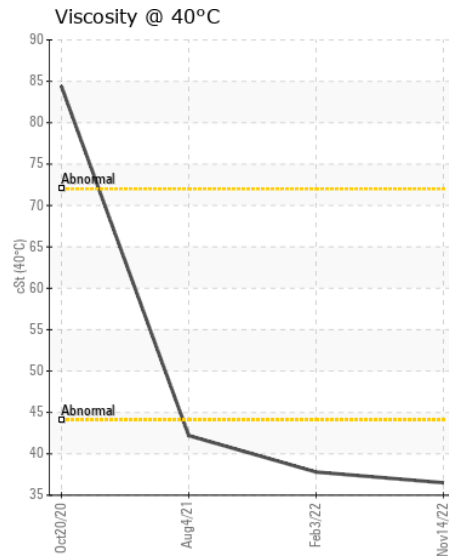
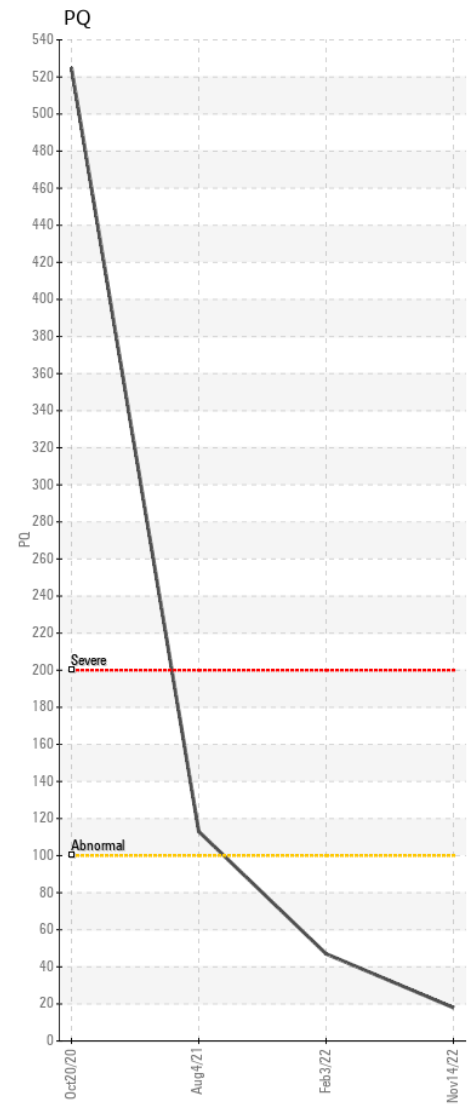
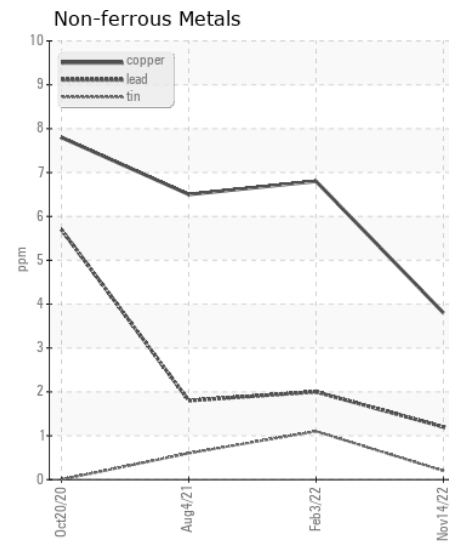
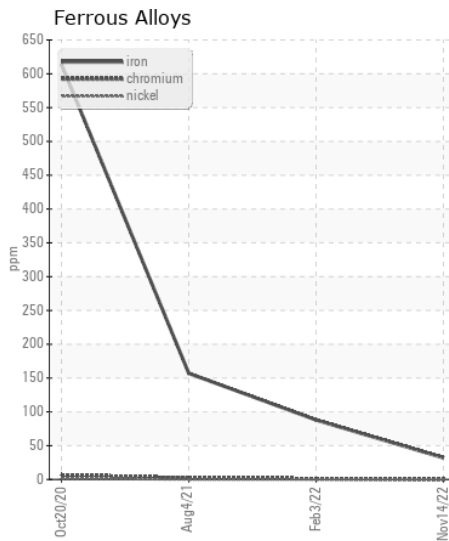
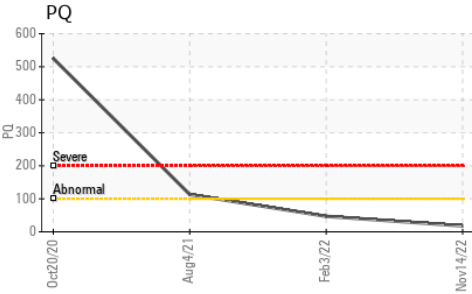
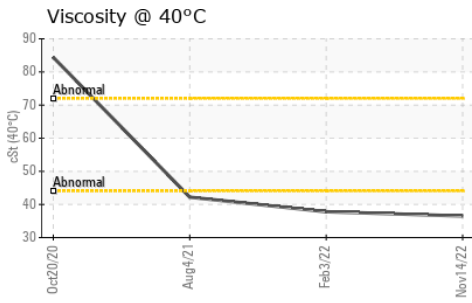
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	<b>4</b>	27	27
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	0	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	<1	1
Boron	ppm	ASTM D5185m		<b>4</b>	10	28
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>2</b>	1	1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	3
Magnesium	ppm	ASTM D5185m		<b>11</b>	13	17
Calcium	ppm	ASTM D5185m		<b>2578</b>	2400	2430
Phosphorus	ppm	ASTM D5185m		<b>958</b>	938	956
Zinc	ppm	ASTM D5185m		<b>1050</b>	970	1111
Sulfur	ppm	ASTM D5185m		<b>3881</b>	3001	3431
Visc @ 40°C	cSt	ASTM D445		<b>36.5</b>	37.8	42.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0136248  
**Lab Number** : 05696495  
**Unique Number** : 10221068  
**Test Package** : CONST ( Additional Tests: PQ )

**BALFOUR BEATTY INFRASTRUCTURE INC**  
 PO BOX 12267  
 WILMINGTON, NC  
 US 28405  
 Contact: TODD COLLINS

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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