



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

Machine Id  
**JOHN DEERE 605K 1T0605KXJGE300684**  
 Component  
**Right Final Drive**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (9 QTS)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0208095</b>	JR0136801	JR0056567
Sample Date		Client Info		<b>18 Mar 2024</b>	29 Jul 2022	03 Aug 2020
Machine Age	hrs	Client Info		<b>2956</b>	1454	1454
Oil Age	hrs	Client Info		<b>1502</b>	1042	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>66</b>	93	54
Iron	ppm	ASTM D5185m	>750	<b>147</b>	176	94
Chromium	ppm	ASTM D5185m	>9	<b>2</b>	3	1
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>1</b>	3	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>9</b>	38	9
Lead	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>40	<b>1</b>	<1	0
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

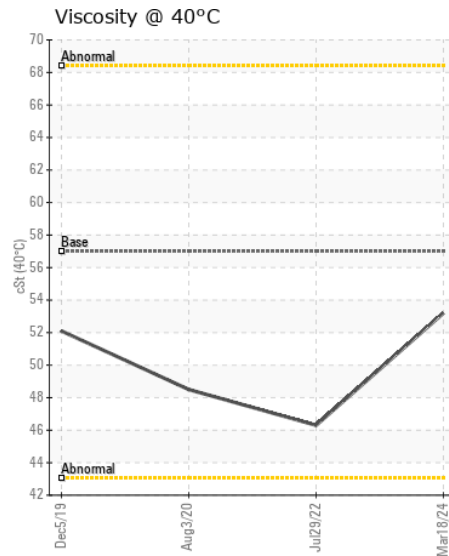
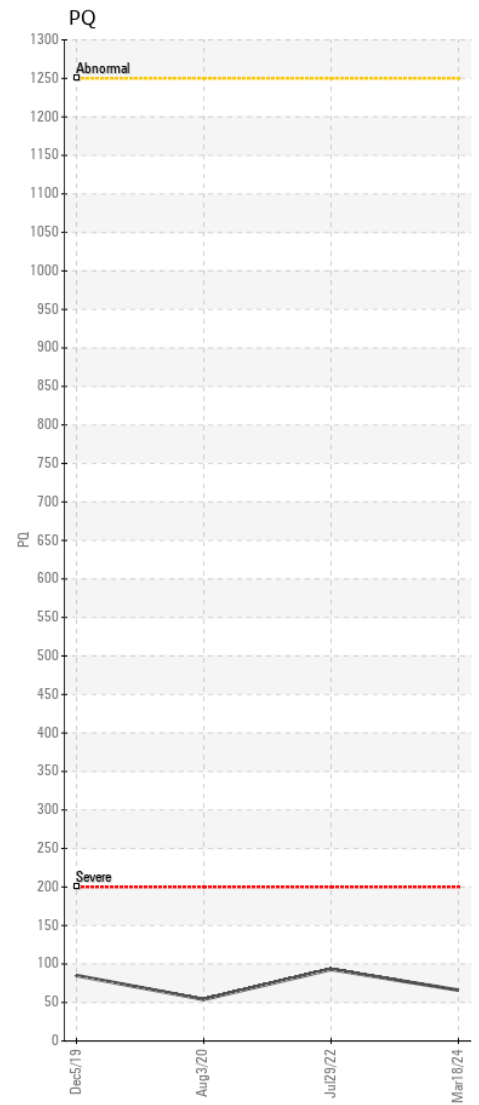
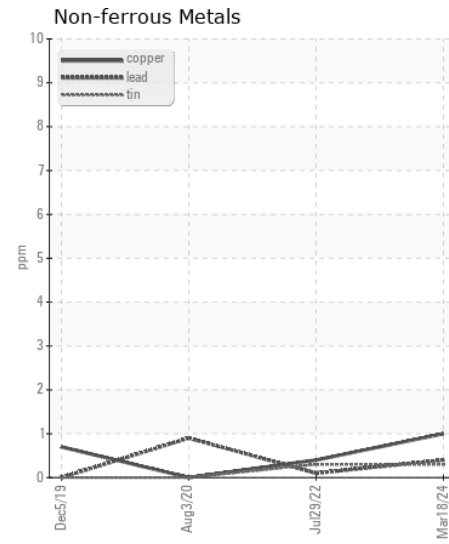
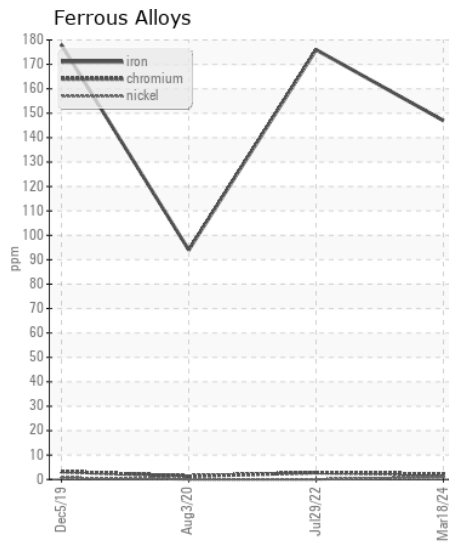
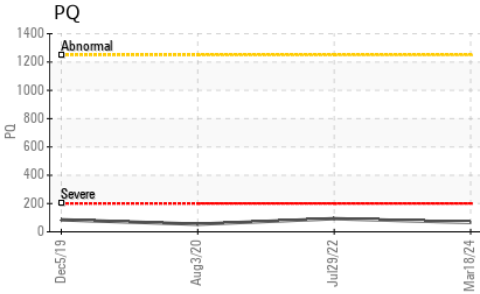
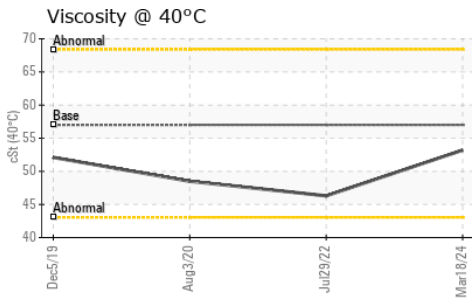
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>31</b>	136	50
Potassium	ppm	ASTM D5185m	>20	<b>7</b>	13	4
Water		WC Method	>0.075	<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	>0.075	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<b>2</b>	7	2
Boron	ppm	ASTM D5185m	6	<b>14</b>	6	3
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>12</b>	2	<1
Manganese	ppm	ASTM D5185m		<b>3</b>	3	1
Magnesium	ppm	ASTM D5185m	145	<b>123</b>	111	110
Calcium	ppm	ASTM D5185m	3570	<b>3315</b>	3535	3698
Phosphorus	ppm	ASTM D5185m	1290	<b>949</b>	964	1085
Zinc	ppm	ASTM D5185m	1640	<b>1190</b>	1220	1372
Sulfur	ppm	ASTM D5185m		<b>4143</b>	4130	4011
Visc @ 40°C	cSt	ASTM D445	57.0	<b>53.2</b>	46.3	48.5



Certificate L2367

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

**Sample No.** : JR0208095

**Lab Number** : 06123978

**Unique Number** : 10938129

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

**Received** : 20 Mar 2024

**Tested** : 21 Mar 2024

**Diagnosed** : 21 Mar 2024 - Wes Davis

**JRE - MANASSAS PARK**

9107 OWENS DRIVE

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US 20111

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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)