



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

Machine Id  
**JOHN DEERE 944K 1DW944KXLNL703700**  
 Component  
**Rear Left Final Drive**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0179295</b>	JR0179395	JR0148635
Sample Date		Client Info		<b>09 Apr 2024</b>	28 Nov 2023	23 Feb 2023
Machine Age	hrs	Client Info		<b>2638</b>	1970	244
Oil Age	hrs	Client Info		<b>0</b>	0	244
Filter Age	hrs	Client Info		<b>0</b>	0	244
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>Not Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>18</b>	17	10
Iron	ppm	ASTM D5185m	>750	<b>9</b>	26	9
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>2</b>	0	1
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>23</b>	▲ 56	<1
Tin	ppm	ASTM D5185m	>10	<b>3</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

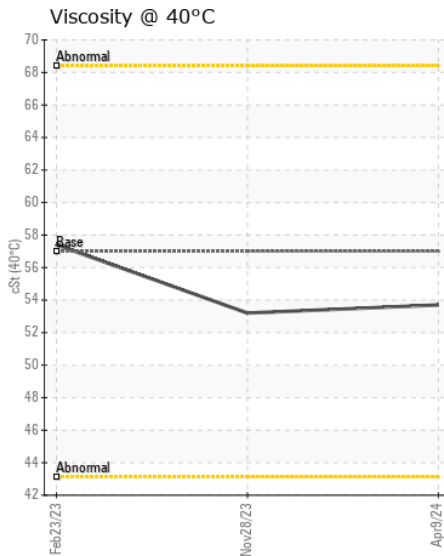
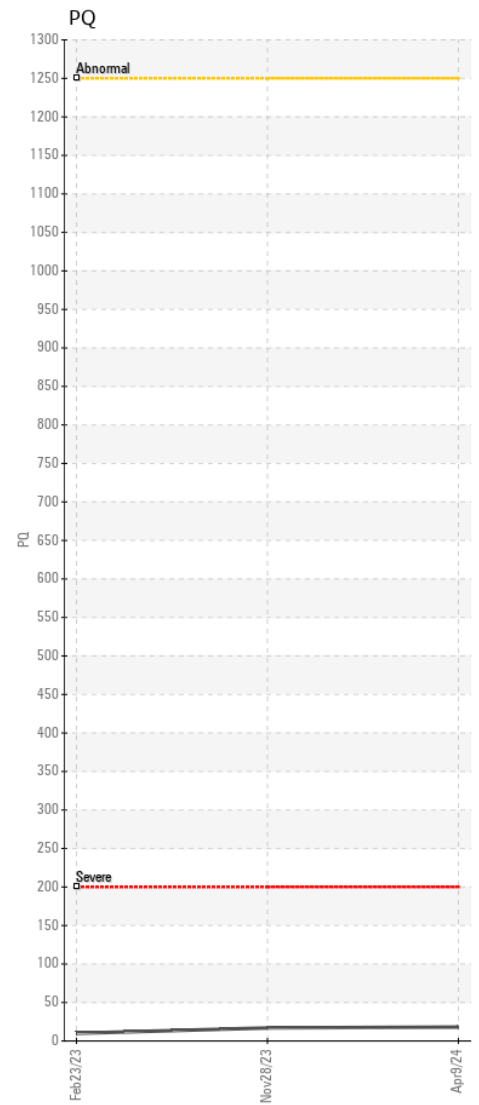
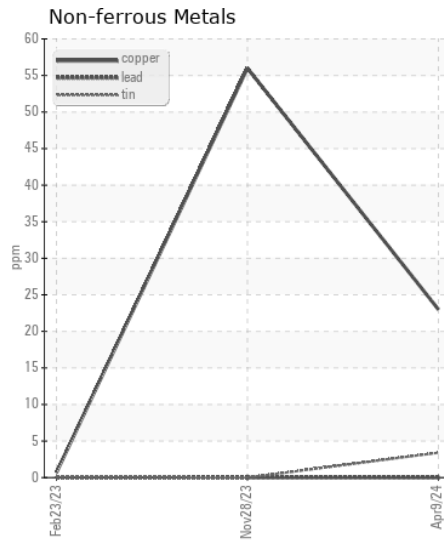
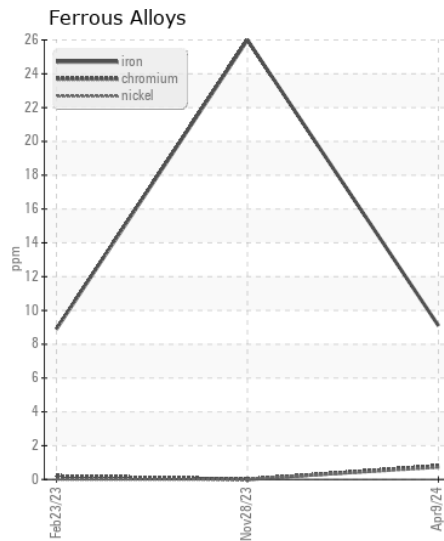
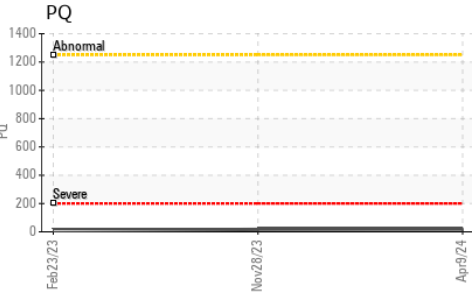
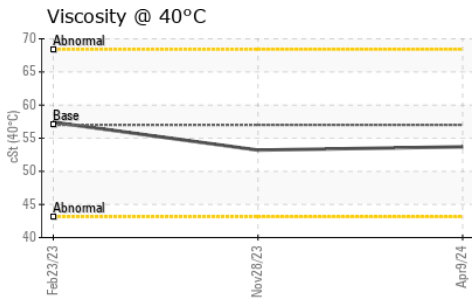
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>14</b>	41	13
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	0
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>	1	1
Boron	ppm	ASTM D5185m	6	<b>6</b>	6	3
Barium	ppm	ASTM D5185m	0	<b>4</b>	0	<1
Molybdenum	ppm	ASTM D5185m	0	<b>5</b>	3	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m	145	<b>113</b>	110	104
Calcium	ppm	ASTM D5185m	3570	<b>3492</b>	3279	3514
Phosphorus	ppm	ASTM D5185m	1290	<b>1002</b>	882	966
Zinc	ppm	ASTM D5185m	1640	<b>1079</b>	1180	1227
Sulfur	ppm	ASTM D5185m		<b>4085</b>	3780	4326
Visc @ 40°C	cSt	ASTM D445	57.0	<b>53.7</b>	53.2	57.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0179295 **Received** : 16 Apr 2024  
**Lab Number** : 06150658 **Tested** : 17 Apr 2024  
**Unique Number** : 10980736 **Diagnosed** : 17 Apr 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

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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