



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



Area  
**[48053]**  
Machine Id  
**JOHN DEERE 755K 1T0755KXEMF403799**  
Component  
**Right Outer Final Drive**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (16 QTS)**

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0225483</b>	JR0199035	JR0182145
Sample Date		Client Info		<b>15 Jul 2024</b>	19 Feb 2024	27 Jul 2023
Machine Age	hrs	Client Info		<b>3402</b>	2923	2432
Oil Age	hrs	Client Info		<b>479</b>	2408	515
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Changed	N/A
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	<b>34</b>	69	33
Iron	ppm	ASTM D5185m	>750	<b>24</b>	52	34
Chromium	ppm	ASTM D5185m	>9	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>40	<b>3</b>	4	3
Lead	ppm	ASTM D5185m	>15	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>40	<b>0</b>	<1	0
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

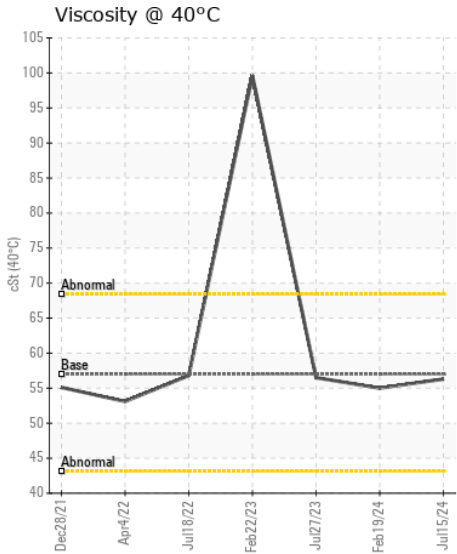
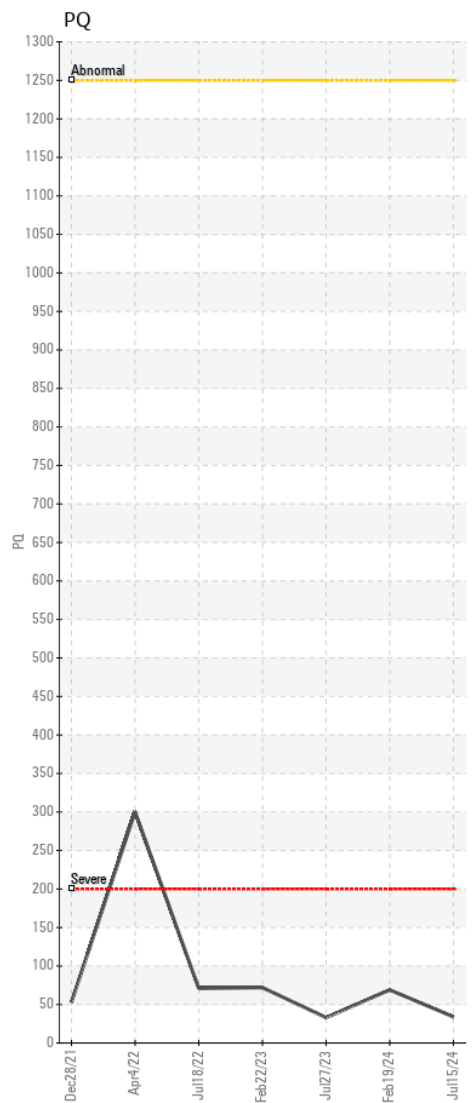
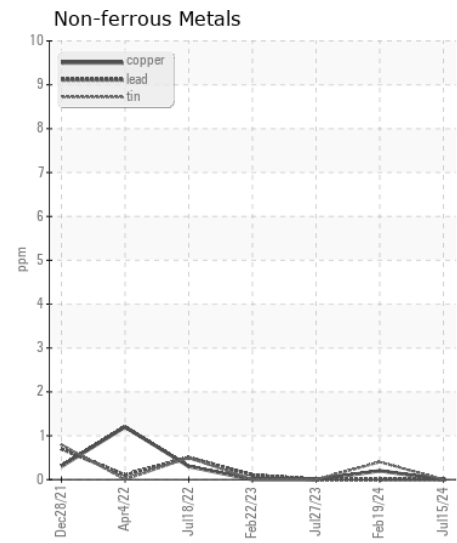
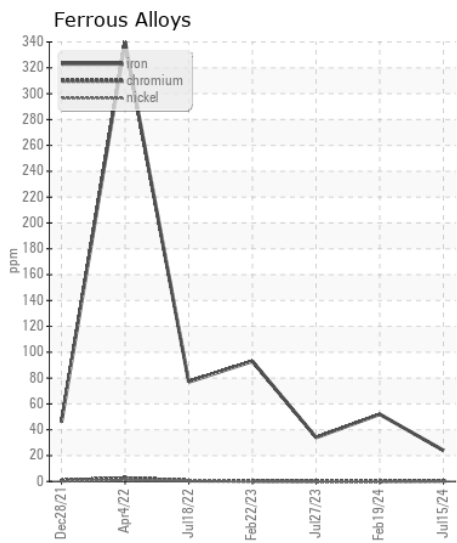
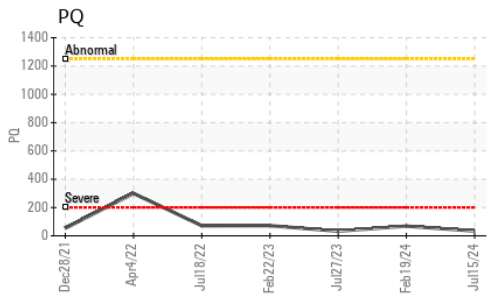
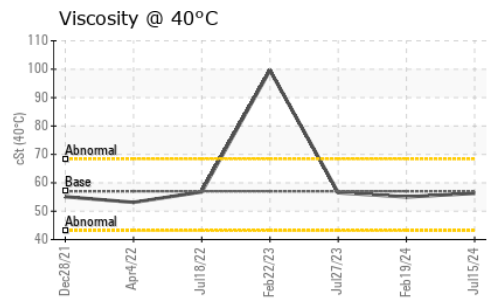
Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>13</b>	18	14
Potassium	ppm	ASTM D5185m	>20	<b>2</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>▲ MODER</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>0</b>	<1	<1
Boron	ppm	ASTM D5185m	6	<b>10</b>	5	4
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>8</b>	4	4
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m	145	<b>125</b>	90	119
Calcium	ppm	ASTM D5185m	3570	<b>3312</b>	3358	3553
Phosphorus	ppm	ASTM D5185m	1290	<b>828</b>	1023	1052
Zinc	ppm	ASTM D5185m	1640	<b>1193</b>	1206	1322
Sulfur	ppm	ASTM D5185m		<b>2995</b>	3319	4485
Visc @ 40°C	cSt	ASTM D445	57.0	<b>56.3</b>	55.0	56.5



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0225483 **Received** : 16 Jul 2024  
**Lab Number** : 06238095 **Tested** : 17 Jul 2024  
**Unique Number** : 11126929 **Diagnosed** : 18 Jul 2024 - Don Baldridge  
**Test Package** : CONST ( Additional Tests: PQ )

**CWS-STRITTMATTER**  
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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)