



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



Machine Id  
**JOHN DEERE 724K 1DW724KHJJF690939**  
Component  
**Front Differential**  
Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0195244</b>	JR0195230	JR0195221
Sample Date		Client Info		<b>21 Jun 2024</b>	15 Nov 2023	15 Nov 2023
Machine Age	hrs	Client Info		<b>5322</b>	5118	5118
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>23</b>	12	8
Iron	ppm	ASTM D5185m	>500	<b>92</b>	55	9
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	3
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	1	1
Lead	ppm	ASTM D5185m	>25	<b>69</b>	66	0
Copper	ppm	ASTM D5185m	>100	<b>20</b>	19	2
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

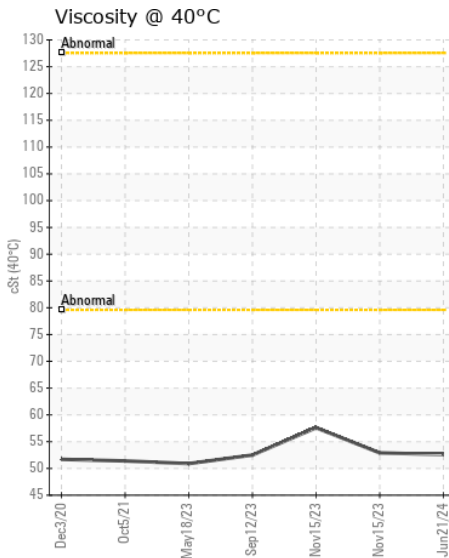
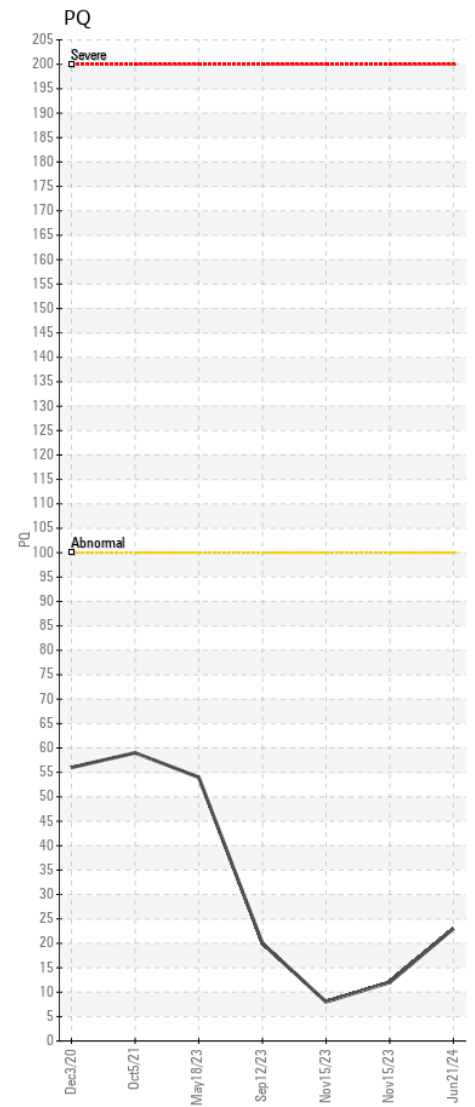
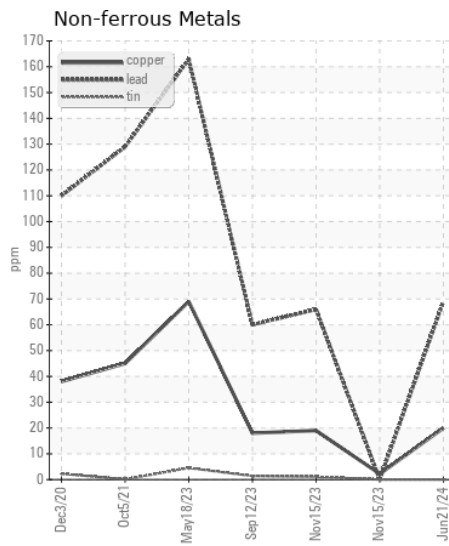
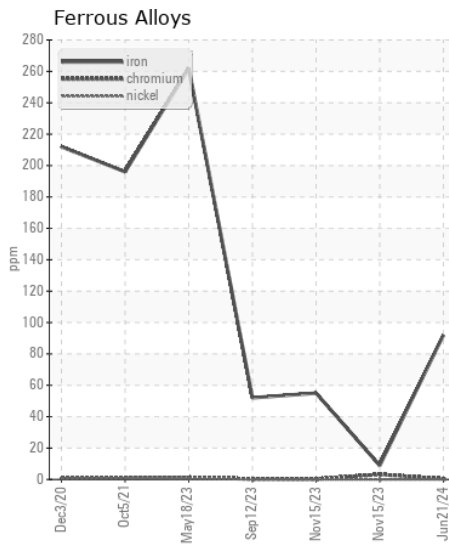
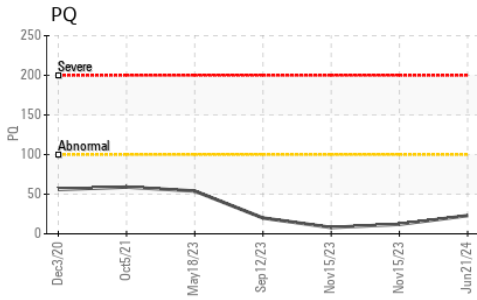
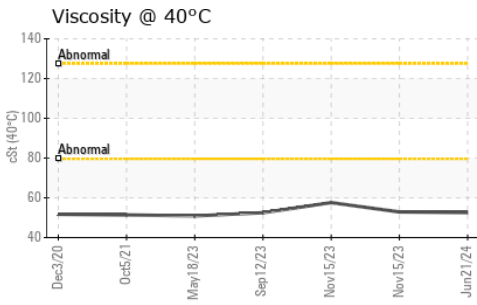
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>75	<b>11</b>	5	2
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	2
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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		<b>4</b>	4	0
Boron	ppm	ASTM D5185m		<b>12</b>	12	0
Barium	ppm	ASTM D5185m		<b>2</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>28</b>	24	<1
Manganese	ppm	ASTM D5185m		<b>1</b>	1	0
Magnesium	ppm	ASTM D5185m		<b>120</b>	125	2
Calcium	ppm	ASTM D5185m		<b>2958</b>	2887	99
Phosphorus	ppm	ASTM D5185m		<b>968</b>	971	596
Zinc	ppm	ASTM D5185m		<b>1084</b>	1123	797
Sulfur	ppm	ASTM D5185m		<b>4397</b>	3241	1820
Visc @ 40°C	cSt	ASTM D445		<b>52.6</b>	52.9	57.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0195244 **Received** : 26 Jun 2024  
**Lab Number** : 06221537 **Tested** : 27 Jun 2024  
**Unique Number** : 11099734 **Diagnosed** : 28 Jun 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**W&L CONSTRUCTION AND PAVING**  
 DRAWER 927  
 CHILHOWIE, VA  
 US 24319  
 Contact: TRAVIS LEWIS

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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F: