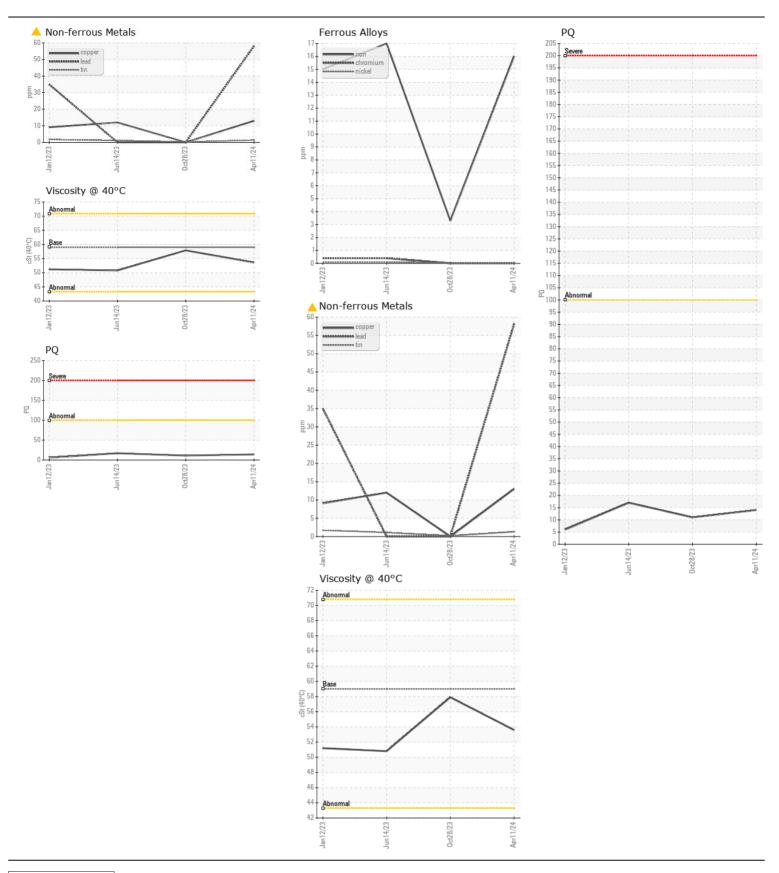
WEAR CONTAMINATION **FLUID CONDITION** **ABNORMAL NORMAL NORMAL**



Machine Id **JOHN DEERE 724K 1DW724KHCGF675108**

Rear Axle

			- GAL			
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206313	JR0188570	JR0171113
Sample Date		Client Info		11 Apr 2024	28 Oct 2023	14 Jun 2023
Machine Age	hrs	Client Info		13003	12556	12071
Oil Age	hrs	Client Info		12518	485	12071
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
PQ		ASTM D8184		14	11	17
Iron	ppm	ASTM D5185m	>750	16	3	17
Chromium				0	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>21	<1	1	3
Lead	ppm	ASTM D5185m	>49	△ 58	0	0
Copper	ppm	ASTM D5185m	>101	13	0	12
Tin	ppm	ASTM D5185m	>10	1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>31	7	5	14
Potassium	ppm	ASTM D5185m	>20	0	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
Odor	scalar	*Visual	NORML	NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	3	1	3
Boron		ASTM D5185m		36	0	110
Barium	ppm	ASTM D5185m		0	4	0
Molybdenum	ppm	ASTM D5185m		4	<1	4
Manganese		ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		72	91	30
Calcium	ppm	ASTM D5185m		3162	3114	3207
Phosphorus	ppm	ASTM D5185m		926	957	1147
Zinc	ppm	ASTM D5185m		1051	1177	1388
Sulfur	ppm	ASTM D5185m		4350	3571	8623
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status PQ Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status PQ Iron ppm Chromium ppm Nickel ppm Titanium ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Manganese ppm Magnesium ppm Colcium ppm Manganese ppm Phosphorus	Sample Number Sample Date Client Info Machine Age Nrs Client Info Oil Age Prs Client Info Cilent Info Cilent Info Cilent Info Client Info Sample Status PQ ASTM D8184 Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Chromium Ppm ASTM D5185m Nickel Ppm ASTM D5185m Aluminum Ppm ASTM D5185m ASTM D5185m Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Ppm ASTM D5185m Water WC Method Silt Scalar *Visual Sand/Dirt ASTM D5185m Mapearance Scalar *Visual Scalar *Visual Appearance Scalar *Visual Appearance Odor Scalar *Visual Sand/Dirt ASTM D5185m Barium Ppm ASTM D5185m Barium Ppm ASTM D5185m ASTM D5185m Magnesium Ppm ASTM D5185m Magnesium Ppm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Phosphorus Ppm ASTM D5185m	Sample Number Sample Date Sample Date Machine Age Inrs Client Info Oil Age Inrs Client Info Client Info Oil Age Inrs Client Info Oil Changed Client Info Oil Changed Client Info Filter Changed Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m >750 Chromium ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m ASTM D51	Sample Number Client Info JR0206313 Sample Date Client Info 11 Apr 2024 Machine Age hrs Client Info 13003 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Filter Changed Client Info Not Changd Sample Status ASTM D8184 14 PQ ASTM D8185m >750 16 Chromium ppm ASTM D8185m >750 16 Chromium ppm ASTM D8185m >10 0 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >10 0 Silver ppm ASTM D5185m >21 <1	Sample Number Client Info JR0206313 JR0188570 Sample Date Client Info 11 Apr 2024 28 Oct 2023 Machine Age hrs Client Info 13003 12556 Oil Age hrs Client Info 0 0 Filter Age hrs Client Info Not Changd Not Changd Filter Changed Client Info Not Changd Not Changd Sample Status ABNORMAL Not Changd PQ ASTM D8184 14 11 Iron ppm ASTM D5185m >750 16 3 Chromium ppm ASTM D5185m >10 0 0 Nickel ppm ASTM D5185m >10 0 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >21 <1







Certificate L2367

Laboratory Sample No.

: JR0206313 Lab Number : 06149617 Unique Number : 10979695

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

Received **Tested** Diagnosed Test Package : CONST (Additional Tests: PQ)

: 15 Apr 2024 : 16 Apr 2024

: 18 Apr 2024 - Sean Felton

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC US 28269

Contact: CHARLOTTE SHOP myoung@jamesriverequipment.com T: (704)597-0211

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)

F: (704)596-6198