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

Machine Id

JOHN DEERE 700L 1T0700LXHPF448468

Left Final Drive

{not provided} (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0209231	JR0194528	
Sample Date		Client Info		14 Apr 2024	24 Dec 2023	
Machine Age	hrs	Client Info		693	693	
Oil Age	hrs	Client Info		693	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
PQ		ASTM D8184	>1250	71	82	
	mag					
					·	
			>10			
			>10			
			>10			
			NONE			
reliow Metal	Scalar	visuai	INOINE	NONE	INOINE	
Silicon	ppm	ASTM D5185m	>75	22	14	
Potassium	ppm	ASTM D5185m	>20	6	<1	
Water		WC Method	>0.075	NEG	NEG	
Silt	scalar	*Visual	NONE	MODER	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	
Sodium	ppm	ASTM D5185m	>51	4	3	
Boron	ppm	ASTM D5185m		2	<1	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		<1	<1	
Manganese	ppm	ASTM D5185m		3	2	
Magnesium	ppm	ASTM D5185m		135	102	
Calcium	ppm	ASTM D5185m		4963	3305	
Phosphorus	ppm	ASTM D5185m		1575	1058	
Zinc	ppm	ASTM D5185m		1775	1198	
ZITIC	1-1-					
Sulfur	ppm	ASTM D5185m		5112	3436	
	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	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 Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Sample Status PQ ASTM D8184 Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Visual Scalar Yvisual Silicon ppm ASTM D5185m Vacelar Visual Scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Scalar *Appearance Scalar *Visual	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Filter Age hrs Client Info Client Info Client Info Filter Changed Client Info Filter Changed Sample Status PQ ASTM D8184 S1250 Iron ppm ASTM D5185m S750 Chromium ppm ASTM D5185m Silver ppm ASTM D5185m Silver Aluminum ppm ASTM D5185m Silver Aluminum ppm ASTM D5185m ASTM D5185m Silver Aluminum ppm ASTM D5185m Silver ASTM D5185m ASTM D5185m Vanadium ppm ASTM D5185m Vone Vanadium Ppm ASTM D5185m Vone Vallow Metal Scalar Visual NONE Silicon ppm ASTM D5185m S20 Water WC Method S0.075 Silt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar App	Sample Number Client Info JR0209231 Sample Date Client Info 14 Apr 2024 Machine Age hrs Client Info 693 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info N/A Sample Status NA NORMAL PQ ASTM D8184 >1250 71 Iron ppm ASTM D5185m >750 122 Chromium ppm ASTM D5185m >750 122 Chromium ppm ASTM D5185m >9 2 Nickel ppm ASTM D5185m >9 2 Nickel ppm ASTM D5185m >10 0 Titanium ppm ASTM D5185m >40 2 Lead ppm ASTM D5185m >40 2 Lead ppm ASTM D5185m >10 0	Sample Number Client Info JR0209231 JR0194528 Sample Date Client Info 14 Apr 2024 24 Dec 2023 Machine Age hrs Client Info 693 693 Oil Age hrs Client Info 693 0 Filter Age hrs Client Info Changed N/A Filter Changed Client Info N/A N/A Sample Status NORMAL NORMAL NORMAL PQ ASTM D8184 >1250 71 82 Iron ppm ASTM D5185m >750 122 79 Chromium ppm ASTM D5185m >9 2 1 Nickel ppm ASTM D5185m >9 2 1 Nickel ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >40 2 <1





Certificate L2367

Laboratory Sample No.

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

Lab Number : 06152251 Unique Number: 10982329

: JR0209231

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received **Tested** Diagnosed

: 17 Apr 2024 : 18 Apr 2024 Test Package : CONST (Additional Tests: PQ)

: 18 Apr 2024 - Wes Davis

JRE - GREENSBORO 411 SOUTH REGIONAL ROAD GREENSBORO, NC US 27409

Contact: NICK GALLAHER NGALLAHER@JRENET.COM T: (336)668-2762

* - 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: (336)665-9556