WEAR CONTAMINATION FLUID CONDITION

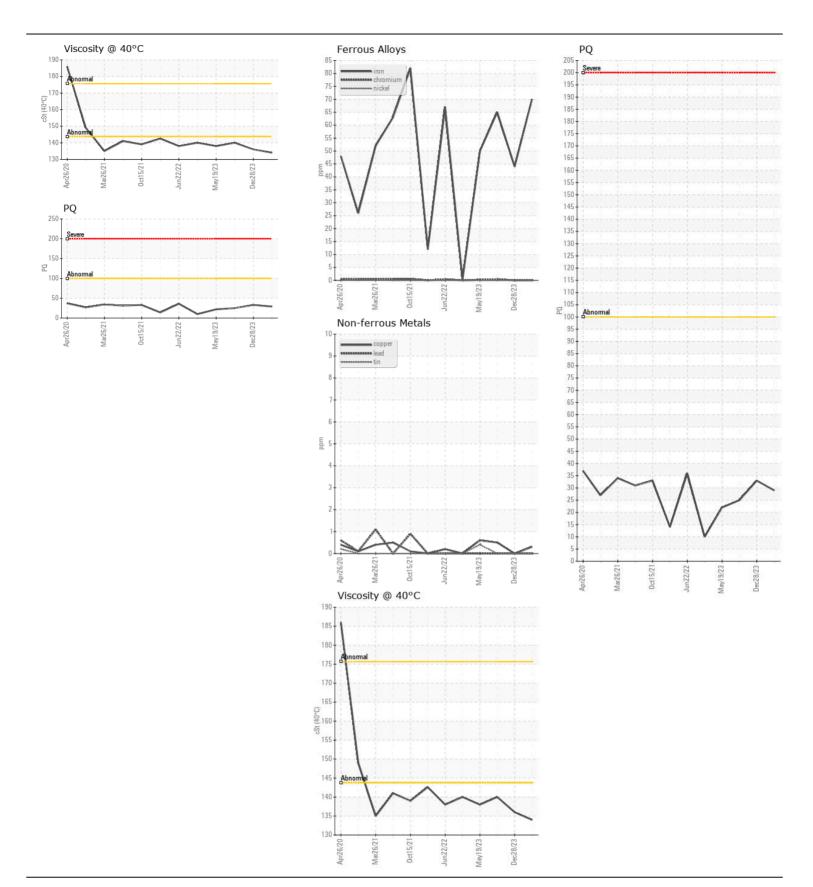
NORMAL NORMAL

[W67131]

## **JOHN DEERE 350G 1FF350GXCKF813557**

**Swing Drive Gear Case** 

Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status	hrs hrs	Method Client Info	Limit/Abn	Current JR0215668 29 May 2024 7003 6598	History1 JR0198667 28 Dec 2023 6521 405	History2 JR0188255 22 Sep 2023 6116
Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed	hrs	Client Info Client Info Client Info Client Info		29 May 2024 7003	28 Dec 2023 6521	22 Sep 202
Machine Age Oil Age Filter Age Oil Changed Filter Changed	hrs	Client Info Client Info Client Info		7003	6521	
Oil Age Filter Age Oil Changed Filter Changed	hrs	Client Info				6116
Filter Age Oil Changed Filter Changed		Client Info		6598	405	
Oil Changed Filter Changed	hrs				100	6116
Filter Changed		Client Info		0	0	0
•				N/A	Not Changd	Changed
Sample Status		Client Info		N/A	N/A	N/A
				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184		29	33	25
Iron	ppm	ASTM D5185m	>200	70	44	65
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel		ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m		<1	0	0
Lead	ppm	ASTM D5185m		0	0	0
Copper	ppm	ASTM D5185m		<1	0	<1
Tin	ppm	ASTM D5185m		0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	maa	ASTM D5185m		7	3	5
			>20			<1
	1-1-					NEG
	scalar					NONE
Debris						NONE
Sand/Dirt		*Visual				NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
Odor	scalar	*Visual	NORML	NORML	NORML	NORM
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	nnm	ASTM D5185m		0	0	0
						120
						2
						<1
-						<1
-						2
-						20
						720
•						13
						19419
						140
	Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum 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 Appearance scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm Silver ppm Sulfur ppm Silver ppm Silver ppm Sulfur ppm Sulfur ppm Sulfur ppm	Chromium ppm ASTM D5185m  Nickel ppm ASTM D5185m  Titanium ppm ASTM D5185m  Silver ppm ASTM D5185m  Aluminum ppm ASTM D5185m  Lead ppm ASTM D5185m  Copper ppm ASTM D5185m  Vanadium ppm ASTM D5185m  Vanadium ppm ASTM D5185m  White Metal scalar *Visual  Yellow Metal scalar *Visual  Silicon ppm ASTM D5185m  Potassium ppm ASTM D5185m  Water WC Method  Silt scalar *Visual  Debris scalar *Visual  Sand/Dirt scalar *Visual  Appearance scalar *Visual  Sand/Dirt scalar *Visual  Sodium ppm ASTM D5185m  Boron ppm ASTM D5185m  Boron ppm ASTM D5185m  Molybdenum ppm ASTM D5185m  Magnesium ppm ASTM D5185m  Magnesium ppm ASTM D5185m  Magnesium ppm ASTM D5185m  Magnesium ppm ASTM D5185m  Calcium ppm ASTM D5185m  Phosphorus ppm ASTM D5185m  Zinc ppm ASTM D5185m  Zinc ppm ASTM D5185m  Zinc ppm ASTM D5185m	ChromiumppmASTM D5185m>10NickelppmASTM D5185m>10TitaniumppmASTM D5185m>10SilverppmASTM D5185mAluminumppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mTinppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mNONEYellow Metalscalar*VisualNONESiliconppmASTM D5185m>20WaterWC Method>0.2Siltscalar*VisualNONESand/Dirtscalar*VisualNONEAppearancescalar*VisualNORMLOdorscalar*VisualNORMLEmulsified Waterscalar*VisualNORMLEmulsified Waterscalar*Visual>0.2SodiumppmASTM D5185mBariumppmASTM D5185mMolybdenumppmASTM D5185mMagnesiumppmASTM D5185mCalciumppmASTM D5185mPhosphorusppmASTM D5185mZincppmASTM D5185mSulfurppmASTM D5185m	Chromium         ppm         ASTM D5185m         >10         0           Nickel         ppm         ASTM D5185m         >10         0           Titanium         ppm         ASTM D5185m         0         0           Silver         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Vanadium         ppm         ASTM D5185m         0         NONE           Valoudium         ppm         ASTM D5185m         0         NONE           Yellow Metal         scalar         *Visual         NONE         NONE           Yellow Metal         scalar         *Visual         NONE         NONE           Silicon         ppm         ASTM D5185m         >20         0           Water         WC Method         >0.2         NEG           Silt         scalar         *Visual         NONE         NONE           Appearance <t< td=""><td>Chromium         ppm         ASTM D5185m         &gt;10         0         0           Nickel         ppm         ASTM D5185m         &gt;10         0         0           Titanium         ppm         ASTM D5185m         0         0           Silver         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Vanadium         ppm         ASTM D5185m         0         0           Vanadium         ppm         ASTM D5185m         0         0           White Metal         scalar         *Visual         NONE         NONE         NONE           Vellow Metal         scalar         *Visual         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m         7         3         2           Potassium         ppm         ASTM D5185m         NONE         NONE         NONE           Silit</td></t<>	Chromium         ppm         ASTM D5185m         >10         0         0           Nickel         ppm         ASTM D5185m         >10         0         0           Titanium         ppm         ASTM D5185m         0         0           Silver         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Aluminum         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Copper         ppm         ASTM D5185m         0         0           Vanadium         ppm         ASTM D5185m         0         0           Vanadium         ppm         ASTM D5185m         0         0           White Metal         scalar         *Visual         NONE         NONE         NONE           Vellow Metal         scalar         *Visual         NONE         NONE         NONE           Silicon         ppm         ASTM D5185m         7         3         2           Potassium         ppm         ASTM D5185m         NONE         NONE         NONE           Silit







Laboratory Sample No.

Lab Number : 06195663

: JR0215668 Unique Number : 11057786

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

Received **Tested** 

Diagnosed

: 31 May 2024 : 01 Jun 2024 - Don Baldridge

: 30 May 2024

JRE - CHARLOTTE 9550 STATESVILLE ROAD CHARLOTTE, NC

US 28269

Contact: CHARLOTTE SHOP myoung@jamesriverequipment.com

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\* - 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)