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

Machine Id

## **JOHN DEERE 135G 1FF135GXPMF503176**

**Right Final Drive** 

JOHN DEERE GL-5 80W90 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0209350	JR0183336	
Sample Date		Client Info		14 Apr 2024	06 Oct 2023	
Machine Age	hrs	Client Info		1550	1032	
Oil Age	hrs	Client Info		1550	1032	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	NORMAL	
ΡΩ		ASTM D8184	>1250	63	46	
	nnm					
			>10			
			<b>&gt;40</b>			
			>10			
			NONE			
		·····				
Silicon	ppm	ASTM D5185m	>75	19	18	
Potassium	ppm	ASTM D5185m	>20	6	4	
Water		WC Method	>0.075	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	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	
<b>Emulsified Water</b>	scalar	*Visual	>0.075	NEG	NEG	
Sodium	nnm	ASTM D5185m	<u>~51</u>	9	0	
			701			
-						
-						
-						
•						
VISC @ 40°C	UOI	MO 1 IVI D443	,			teven Ba
	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	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 Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Boron ppm Manganese ppm Manganese ppm Manganese ppm Phosphorus ppm Zinc ppm Zinc ppm Sulfur ppm Sulfur ppm Phosphorus ppm Zinc ppm Zinc ppm Sulfur ppm	Sample Number Sample Date Client Info Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Client Info Oil Changed Filter Age Nrs 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 Copper Ppm ASTM D5185m Copper Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Valual Scalar Visual Silicon Ppm ASTM D5185m Vacual Silt Scalar Visual Silt Scalar Visual Sand/Dirt Scalar Appearance Scalar Appearance Scalar Scalar Visual Sand/Dirt Scalar Appearance Scalar Appearance Scalar Scalar Appearance Scalar Appearance Scalar Scalar Appearance ASTM D5185m A	Sample Number Sample Date  Machine Age Machine Age Mrs Client Info Filter Age Mrs Client Info Sample Status  PQ ASTM D8184 -1250 Iron ppm ASTM D5185m -750 Chromium ppm ASTM D5185m -9 Nickel ppm ASTM D5185m ASTM D5185m Aluminum ppm ASTM D5185m Aluminum ppm ASTM D5185m ASTM D5185m Aluminum ppm ASTM D5185m ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar Yisual NONE Yellow Metal scalar Yisual NONE Silicon ppm ASTM D5185m -20 Water WC Method -0.075 Silt scalar Visual NONE Sand/Dirt scalar Visual NONE Sand/Dirt scalar Visual NONE Appearance scalar Avisual NONE Sand/Dirt scalar Visual NONE Sand/Dirt scalar Visual NONE Appearance scalar Avisual NONE Sand/Dirt scalar Visual NONE Appearance scalar Avisual NONE ASTM D5185m AS	Sample Number         Client Info         JR0209350           Sample Date         Client Info         14 Apr 2024           Machine Age         hrs         Client Info         1550           Oil Age         hrs         Client Info         1550           Filter Age         hrs         Client Info         Not Changd           Oil Changed         Client Info         Not Changd           Filter Changed         Client Info         Not Changd           Sample Status         NORMAL         NORMAL           PQ         ASTM D8184         >1250         63           Iron         ppm         ASTM D8185m         >750         90           Chromium         ppm         ASTM D8185m         >10         0           Nickel         ppm         ASTM D8185m         >10         0           Titanium         ppm         ASTM D8185m         >40         <1	Sample Number         Client Info         JR0209350         JR0183336           Sample Date         Client Info         14 Apr 2024         06 Oct 2023           Machine Age         hrs         Client Info         1550         1032           Oil Age         hrs         Client Info         1550         1032           Filter Age         hrs         Client Info         Not Changd           Filter Changed         Client Info         Not Changd           Sample Status         NORMAL         NORMAL           PQ         ASTM D8184         >1250         63         46           Iron         ppm         ASTM D5185m         >750         90         77           Chromium         ppm         ASTM D5185m         >10         0         <1





Laboratory Sample No. Unique Number : 10982319

Lab Number : 06152241

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0209350

Received

**Tested** Diagnosed

: 17 Apr 2024 : 18 Apr 2024 : 22 Apr 2024 - Don Baldridge 4161 AUBURN CHURCH RD

GARNER, NC US 27529 Contact: RALEIGH SHOP

JRE - GARNER

Test Package : CONST ( Additional Tests: PQ ) To discuss this sample report, contact Customer Service at 1-800-237-1369.

sean.betts@jamesriverequipment.com;catherine.anastasio@wearcheck.com T: (919)614-2260

\* - 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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