WEAR CONTAMINATION **FLUID CONDITION**

NORMAL NORMAL NORMAL

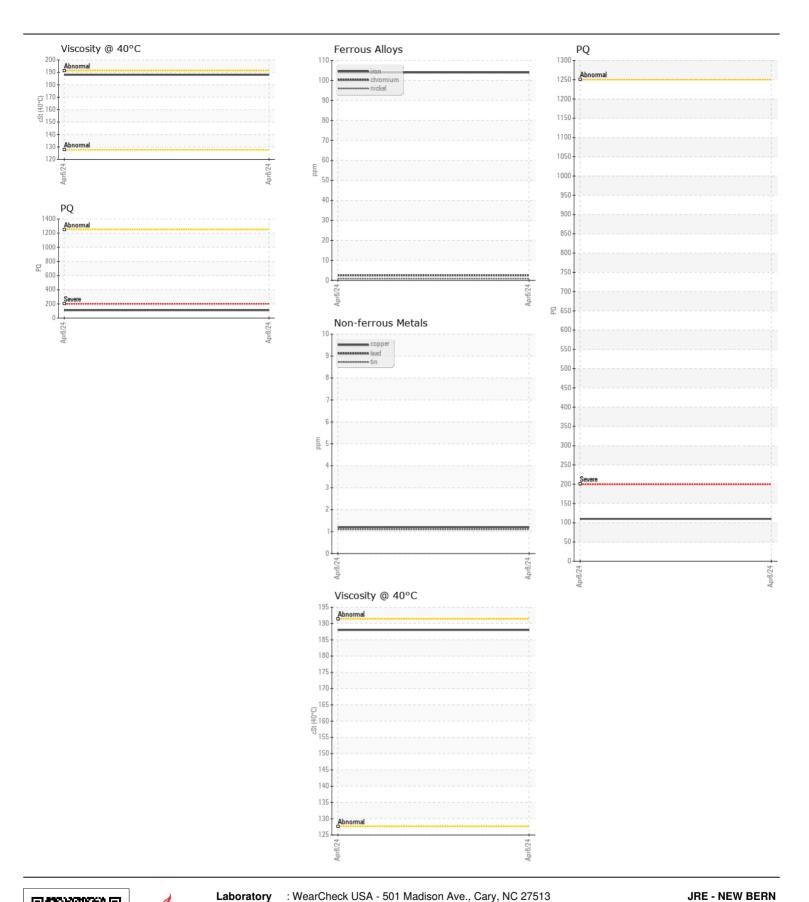
Machine Id

JOHN DEERE 7013585 (S/N 1FF210PATF000506)

Left Final Drive

JOHN DEERE GL-5 80W90 (8 QTS)

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0201149		
Sample Date		Client Info		08 Apr 2024		
Machine Age	hrs	Client Info		467		
Oil Age	hrs	Client Info		467		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
PQ		ASTM D8184	>1250	110		
	ppm					
			>10			
			\10			
			>10			
			NONE			
Yellow Metal	scalar	"VISUAI	NONE	NONE		
Silicon	ppm	ASTM D5185m	>75	16		
Potassium	ppm	ASTM D5185m	>20	3		
Water		WC Method	>0.075	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.075	NEG		
Sodium	ppm	ASTM D5185m	>51	0		
Boron	ppm	ASTM D5185m		75		
Barium	ppm	ASTM D5185m		5		
Danam						
Molybdenum	ppm	ASTM D5185m		1		
	ppm ppm	ASTM D5185m ASTM D5185m		1 4		
Molybdenum						
Molybdenum Manganese	ppm	ASTM D5185m		4		
Molybdenum Manganese Magnesium	ppm	ASTM D5185m ASTM D5185m ASTM D5185m		4 1 20		
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		4 1 20 532		
Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		4 1 20		
	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	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 Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water Sodium ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Client Info Oil Age hrs Client Info Client Info Oil Changed Filter Age Oil Changed Filter Changed 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 Yellow Metal scalar Yuisual Silicon ppm ASTM D5185m Vater WC Method Silt scalar *Visual Debris Scalar *Visual Appearance scalar *Visual Appearance scalar *Visual Sodium ppm ASTM D5185m	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Oil Age hrs Client Info Oil Changed Filter Age Oil Changed Filter Changed Sample Status PQ ASTM D8184 S1250 Iron Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m Silver Aluminum Ppm ASTM D5185m ASTM D5185m Silver Aluminum Ppm ASTM D5185m ASTM D5185m Silver ASTM D5185m ASTM D5185m Silver ASTM D5185m AIT D6	Sample Number Client Info JR0201149 Sample Date Client Info 08 Apr 2024 Machine Age hrs Client Info 467 Oil Age hrs Client Info 467 Filter Age hrs Client Info Not Changd Oil Changed Client Info Not Changd Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 >1250 Iron ppm ASTM D5185m >750 Chromium ppm ASTM D5185m >9 Nickel ppm ASTM D5185m >10 Aluminum ppm ASTM D5185m >1 Silver ppm ASTM D5185m >40 1 Lead ppm ASTM D5185m >40 1 Lead ppm ASTM D5185m >10 1 Vanadium ppm ASTM D5185m >10 1 Vanadium ppm ASTM D5185m >10 <t< td=""><td>Sample Number Client Info JR0201149 Sample Date Client Info 08 Apr 2024 Machine Age hrs Client Info 467 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 >1250 110 Iron ppm ASTM D8185m >750 104 Chromium ppm ASTM D5185m >9 2 Nickel ppm ASTM D5185m >10 Silver ppm ASTM D5185m >40 1 Silver ppm ASTM D5185m >15 1 Aluminum ppm ASTM D5185m >40 1</td></t<>	Sample Number Client Info JR0201149 Sample Date Client Info 08 Apr 2024 Machine Age hrs Client Info 467 Oil Age hrs Client Info 0 Filter Age hrs Client Info Not Changd Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL PQ ASTM D8184 >1250 110 Iron ppm ASTM D8185m >750 104 Chromium ppm ASTM D5185m >9 2 Nickel ppm ASTM D5185m >10 Silver ppm ASTM D5185m >40 1 Silver ppm ASTM D5185m >15 1 Aluminum ppm ASTM D5185m >40 1





Laboratory Sample No.

: JR0201149 Lab Number : 06146107

Unique Number : 10976185

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

Diagnosed

: 11 Apr 2024 : 12 Apr 2024 : 15 Apr 2024 - Don Baldridge

3816 MARTIN LUTHER KING BLVD

NEW BERN, NC US 28562

Test Package : CONST (Additional Tests: PQ) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: Dylan Sanderson dylan.sanderson@jamesriverequipment.com T:

* - 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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