

Machine Id 1FF245GXCMF802178

Right Final Drive

JOHN DEERE GL-5 80W90 (6 QTS)

R	E(CC)M	Μ	E١	M	D	41	Т	0	Ν	

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

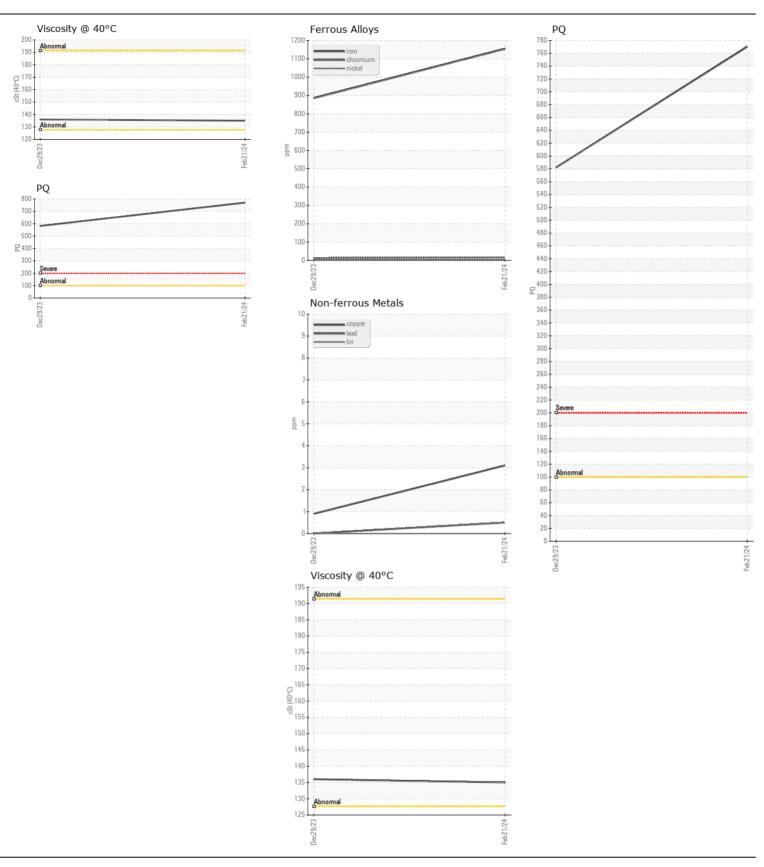
There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0203006	JR0195841	
Sample Date		Client Info		21 Feb 2024	29 Dec 2023	
Machine Age	hrs	Client Info		4071	3830	
Oil Age	hrs	Client Info		4071	3830	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		None	None	
Sample Status				NORMAL	NORMAL	
PQ		ASTM D8184		770	582	
Iron	nom	ASTM Do164 ASTM D5185m	>500	1154	885	
-	ppm				12	
Chromium Nickel	ppm	ASTM D5185m ASTM D5185m	>10	15 3	2	
Titanium	ppm	ASTM D5185m	>10	3 2		
Silver	ppm	ASTM D5185m			<1	
Aluminum	ppm		> 2F	<1 o	0	
Lead	ppm	ASTM D5185m ASTM D5185m	>25 >25	8 <1	6 0	
-	ppm			<1 3		
Copper	ppm	ASTM D5185m	>50	0	<1	
Tin	ppm	ASTM D5185m	>10	-	0 <1	
Vanadium	ppm	ASTM D5185m		<1 NONE		
White Metal	scalar	*Visual	NONE	NONE	NONE	
Vallaw Matal	acalar	*\/;		NONE		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE >75	NONE 66	NONE 41	
Silicon	ppm	ASTM D5185m	>75	66	41	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>75 >20	66 5	41 2	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>75 >20 >0.2	66 5 NEG	41 2 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>75 >20 >0.2 NONE	66 5 NEG NONE	41 2 NEG NONE	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >0.2 NONE NONE	66 5 NEG NONE NONE	41 2 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>75 >20 >0.2 NONE NONE NONE	66 5 NEG NONE NONE NONE	41 2 NEG NONE NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>75 >20 >0.2 NONE NONE NONE NORML	66 5 NEG NONE NONE NONE NORML	41 2 NEG NONE NONE NONE NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NONE NORML NORML NEG	41 2 NEG NONE NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0	41 2 NEG NONE NONE NORML NORML NEG 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39	41 2 NEG NONE NONE NORML NORML NEG 0 33	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7	41 2 NEG NONE NONE NORML NORML NORML NEG 0 33 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 33 0 0 9	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12 12	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 33 0 0 9 3 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12 12 4 441	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 9 3 464	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12 12 4 441 433	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 33 0 0 9 3 3 464	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12 12 4 4 441 433 136	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 33 0 0 9 3 3 464 504 130	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.2 NONE NONE NORML NORML	66 5 NEG NONE NONE NORML NORML NEG 0 39 7 2 12 12 4 441 433	41 2 NEG NONE NONE NORML NORML NEG 0 33 0 0 33 0 0 9 3 3 464	

Submitted By: TECHNICIAN ACCOUNT



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - MANASSAS PARK** Sample No. : JR0203006 Received 9107 OWENS DRIVE : 22 Feb 2024 Ø Lab Number : 06097963 MANASSAS PARK, VA Tested : 23 Feb 2024 Unique Number : 10896193 : 25 Feb 2024 - Don Baldridge US 20111 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: TECHNICIAN ACCOUNT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. catherine.anastasio@wearcheck.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (703)631-4715

Submitted By: TECHNICIAN ACCOUNT

Page 2 of 2