

Machine Id JOHN DEERE 350G 1FF350GXPKF814095 Component Right Final Drive Fluid JOHN DEERE GL-5 80W90 (5 QTS)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.

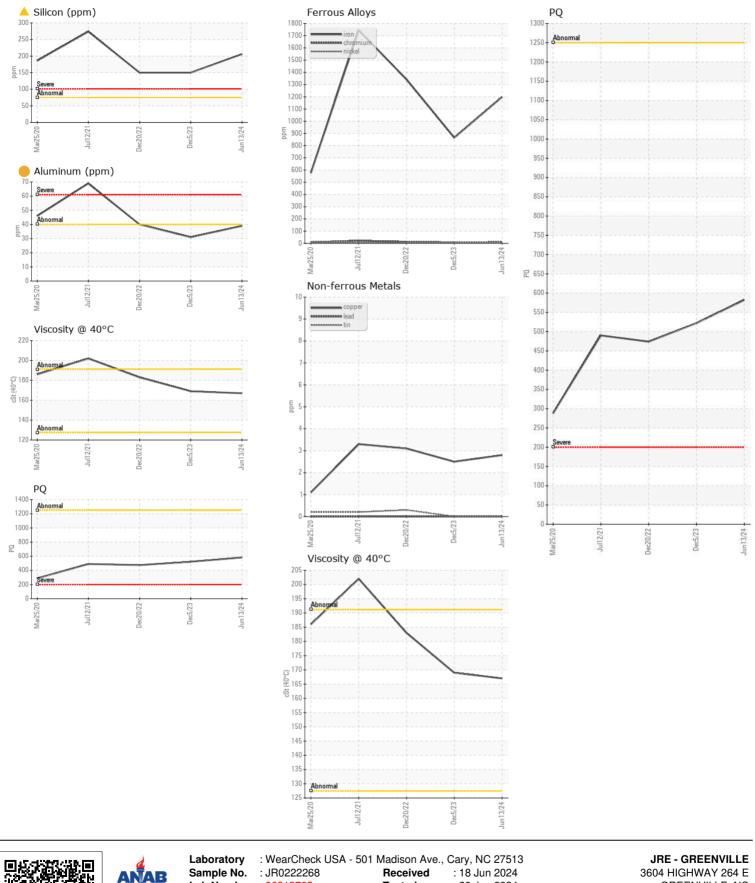
FLUID CONDITION

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

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Te	st	UOM	Method	Limit/Abn	Current	History1	History2
Sa	mple Number		Client Info		JR0222268	JR0197458	JR0156508
Sa	imple Date		Client Info		13 Jun 2024	05 Dec 2023	20 Dec 2022
Ma	achine Age	hrs	Client Info		6191	5759	4355
Oil	Age	hrs	Client Info		4787	1404	0
Filt	ter Age	hrs	Client Info		0	0	0
Oil	Changed		Client Info		Changed	Not Changd	Changed
Filt	ter Changed		Client Info		N/A	N/A	N/A
Sa	mple Status				ABNORMAL	ABNORMAL	ABNORMAL
PG			ASTM D8184	>1250	582	522	474
Iro		ppm	ASTM D5185m	>750	1198	865	1 343
-	nromium	ppm	ASTM D5185m	>9	9	7	▲ 12
	ckel	ppm	ASTM D5185m	>10	1	1	2
	anium	ppm	ASTM D5185m		4	3	4
-	ver	ppm	ASTM D5185m		0	0	0
	uminum	ppm	ASTM D5185m	>40	9 39	931	40
Le	ad	ppm	ASTM D5185m	>15	0	0	0
Co	opper	ppm	ASTM D5185m	>40	3	2	3
Tir	ı	ppm	ASTM D5185m	>10	0	0	<1
Va	Inadium	ppm	ASTM D5185m		<1	0	<1
Wł	hite Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Va	llow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
re		304141	visuai	NONL	NONE	NONL	NONE
	icon		ASTM D5185m	>75	A 206	▲ 150	▲ 150
Sil		ppm	ASTM D5185m				
Sili Po	icon tassium		ASTM D5185m ASTM D5185m	>75 >20	▲ 206 4	▲ 150 3	▲ 150 1
Sili Po	icon itassium ater	ppm	ASTM D5185m	>75	A 206	1 50	1 50
Sili Po Wa Sili	icon itassium ater	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>75 >20 >0.075	▲ 206 4 NEG	▲ 150 3 NEG	▲ 150 1 NEG
Sili Po Wa Sili	icon otassium ater t	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>75 >20 >0.075 NONE	 206 4 NEG NONE 	 150 3 NEG NONE 	 150 1 NEG NONE
Sill Po Wa Sill De Sa	icon itassium ater t ebris und/Dirt	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >0.075 NONE NONE	206 4 NEG NONE NONE	 150 3 NEG NONE NONE 	 150 1 NEG NONE VLITE
Sill Po Wa Sill De Sa	icon Massium ater t Moris and/Dirt opearance	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NONE	206 4 NEG NONE NONE NONE	 150 3 NEG NONE NONE NONE 	 150 1 NEG NONE VLITE NONE
Sili Po Wa Sili De Sa Ap Od	icon Massium ater t Moris and/Dirt opearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >0.075 NONE NONE NONE NORML	206 4 NEG NONE NONE NONE NONE NORE	 150 3 NEG NONE NONE NONE NORML 	 150 1 NEG NONE VLITE NONE NORML
Sill Po Wa Sill De Sa Ap Od Em	icon etassium ater t ebris end/Dirt opearance dor nulsified Water	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NONE NORML	206 4 NEG NONE NONE NONE NONE NORML NORML	 150 3 NEG NONE NONE NONE NORE NORML NORML 	 150 NEG NONE VLITE NORML NORML NEG
Sili Po Wa Sili De Sa Ap Od Em	icon otassium ater t obris and/Dirt opearance dor nulsified Water	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.075 NONE NONE NONE NORML	206 4 NEG NONE NONE NORML NORML NEG 2	 150 3 NEG NONE NONE NORML NORML NEG 3 	 150 NEG NONE VLITE NORML NORML NEG 3
Sili Po Wa Sili De Sa Ap Od Em	icon etassium ater t ebris end/Dirt opearance dor nulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 	 150 3 NEG NONE NONE NORML NORML NEG 	 150 NEG NONE VLITE NORML NORML NEG
Silil Po Wa Silil De Sa Ap Od Em So Bo	icon otassium ater t obris and/Dirt opearance dor nulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 	 150 3 NEG NONE NONE NORML NORML NEG 3 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0
Sili Po Wa Sili De Sa Ap Od Em So Bo Ba	icon itassium ater t ebris und/Dirt opearance dor uulsified Water odium oron	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 	 150 NEG NONE VLITE NORML NORML NEG 3 17
Silli Po Wa Silli De Sa Ap Od Em So Bo Bo Ba	icon tassium ater t bbris und/Dirt opearance dor ulsified Water odium oron urium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 8 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12
Sili Po Wa Sili De Sa Ap Od Em So Ba Ba Ma	icon tassium ater t bris und/Dirt opearance dor ulsified Water odium oron urium olybdenum	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 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 0 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 0 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1
Sili Po Wa Sili De Sa Ap Od Em So Bo Ba Ba Mc Ma	icon itassium ater t bbris und/Dirt opearance dor nulsified Water odium oron urium olybdenum anganese	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 0 11 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 8 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12
Silli Po Wa Silli De Sa Ap Od Em So Bo Ba Ma Ma Ma Ca	icon itassium ater t ebris und/Dirt opearance dor on usified Water odium oron urium olybdenum anganese agnesium	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	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 0 11 <1 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 0 8 0 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12 5
Silli Po Wa Silli De Sa Ap Od Em So Bo Ba Ma Ma Ma Ca	icon itassium ater t bris und/Dirt opearance dor uusified Water odium oron uusified Water odium oolybdenum anganese agnesium alcium	ppm pm 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 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 11 <1 11 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 8 0 10 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12 5 30
Silli Po Wa Silli De Sa Ap Od Em So Bo Bo Ba Ma Ma Ca Ph Zir	icon itassium ater t bris und/Dirt opearance dor uusified Water odium oron uusified Water odium oolybdenum anganese agnesium alcium	ppm pm 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	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 0 11 <1 11 2317 	 150 3 NEG NONE NONE NORML NORML NEG 3 5 0 0 8 0 10 2266 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12 5 30 2122
Sili Po Wa Sili De Sa Ap Od Em So Bo Ba Ba Ma Ca Ma Ca Yah Su	icon itassium ater t bris und/Dirt opearance dor of unsified Water of unsified Water of unsif	ppm pm scalar scalar scalar scalar scalar ppm 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	>75 >20 >0.075 NONE NONE NORML NORML >0.075	 206 4 NEG NONE NONE NORML NORML NEG 2 6 0 11 <1 11 2317 9 	 150 3 NEG NONE NONE NORML NORML NORML 3 5 0 0 8 0 10 2266 8 	 150 NEG NONE VLITE NORML NORML NEG 3 17 0 1 12 5 30 2122 33

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Submitted By: Jeffrey Moore



: 06213725 GREENVILLE, NC Lab Number Tested : 20 Jun 2024 : 20 Jun 2024 - Sean Felton US 27834-5800 Unique Number : 11086589 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: GREENVILLE SHOP Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. christopher.martin@jamesriverequipment.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)