



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 350GLC 1FF350GXALF814428
Component
Right Final Drive
Fluid
JOHN DEERE GL-5 80W90 (10 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218572	JR0211002	JR0125954
Sample Date		Client Info		11 Jul 2024	08 Apr 2024	30 Aug 2023
Machine Age	hrs	Client Info		4985	4474	3876
Oil Age	hrs	Client Info		4387	598	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		None	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	87	101	182
Iron	ppm	ASTM D5185m	>750	139	115	236
Chromium	ppm	ASTM D5185m	>9	3	3	4
Nickel	ppm	ASTM D5185m	>10	<1	1	0
Titanium	ppm	ASTM D5185m		<1	1	1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	2	1
Lead	ppm	ASTM D5185m	>15	<1	1	0
Copper	ppm	ASTM D5185m	>40	2	2	<1
Tin	ppm	ASTM D5185m	>10	0	1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

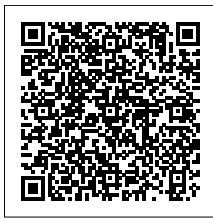
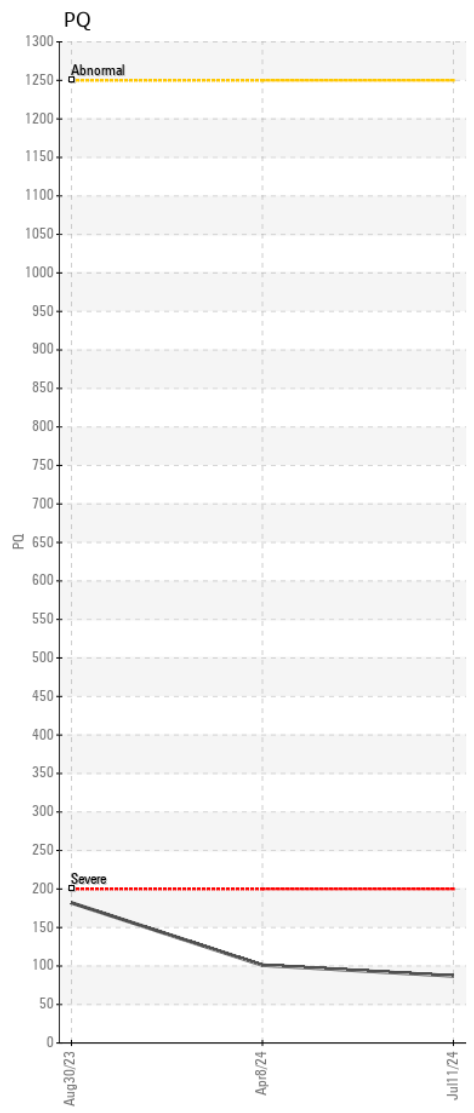
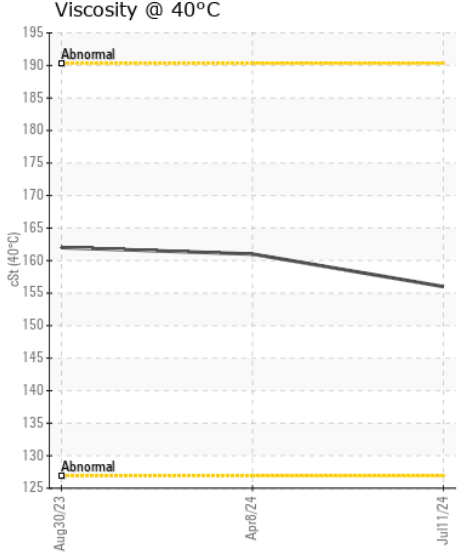
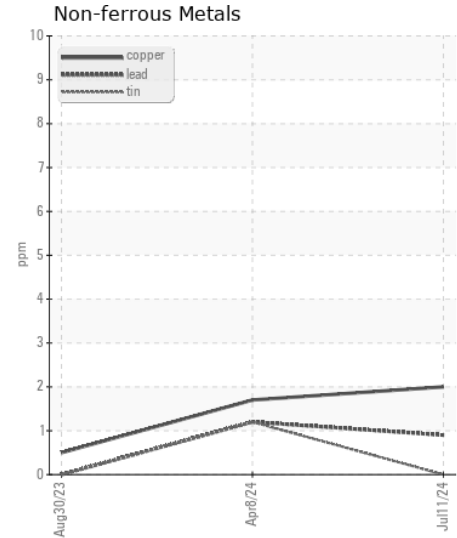
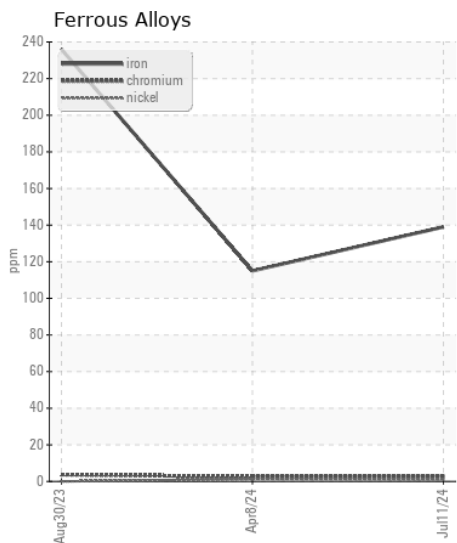
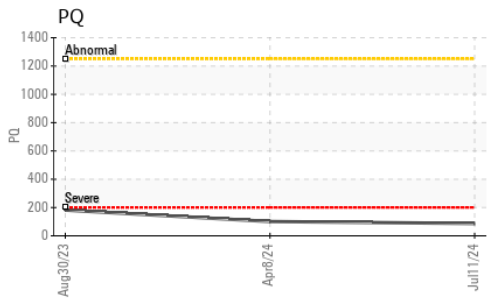
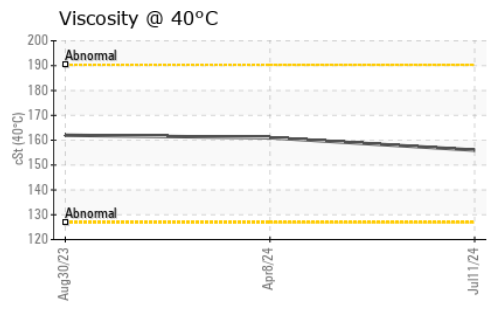
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	17	14	16
Potassium	ppm	ASTM D5185m	>20	2	1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<1	<1	0
Boron	ppm	ASTM D5185m		11	18	70
Barium	ppm	ASTM D5185m		47	52	3
Molybdenum	ppm	ASTM D5185m		<1	2	3
Manganese	ppm	ASTM D5185m		2	3	4
Magnesium	ppm	ASTM D5185m		12	9	34
Calcium	ppm	ASTM D5185m		204	240	928
Phosphorus	ppm	ASTM D5185m		742	798	739
Zinc	ppm	ASTM D5185m		85	94	443
Sulfur	ppm	ASTM D5185m		19582	23860	20717
Visc @ 40°C	cSt	ASTM D445		156	161	162



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218572 **Received** : 15 Jul 2024
Lab Number : 06236431 **Tested** : 16 Jul 2024
Unique Number : 11125265 **Diagnosed** : 17 Jul 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
 9107 OWENS DRIVE
 MANASSAS PARK, VA
 US 20111
 Contact: DON VEST
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To discuss this sample report, contact Customer Service at 1-800-237-1369.
 * - 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)