



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXALF814879
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0220394	JR0215033	JR0189307
Sample Date		Client Info		15 Jul 2024	14 May 2024	19 Dec 2023
Machine Age	hrs	Client Info		5002	4707	4137
Oil Age	hrs	Client Info		295	570	3574
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		N/A	Changed	N/A
Sample Status				NORMAL	ABNORMAL	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	13	72	141
Iron	ppm	ASTM D5185m	>750	0	346	▲ 2130
Chromium	ppm	ASTM D5185m	>9	0	3	▲ 23
Nickel	ppm	ASTM D5185m	>10	0	1	2
Titanium	ppm	ASTM D5185m		0	2	6
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	0	● 34	● 134
Lead	ppm	ASTM D5185m	>15	0	<1	0
Copper	ppm	ASTM D5185m	>40	0	1	2
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

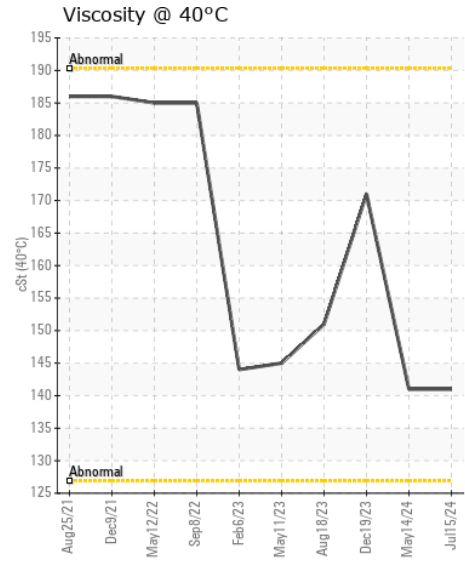
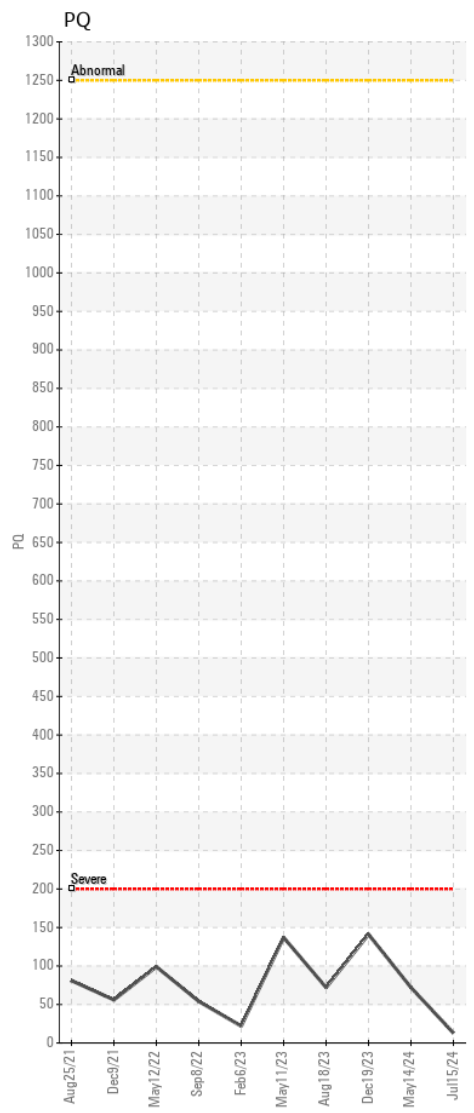
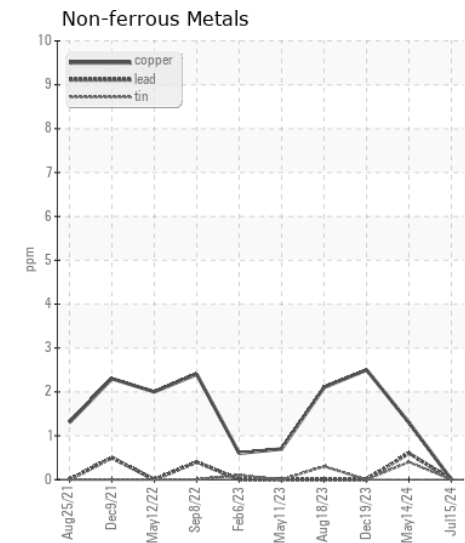
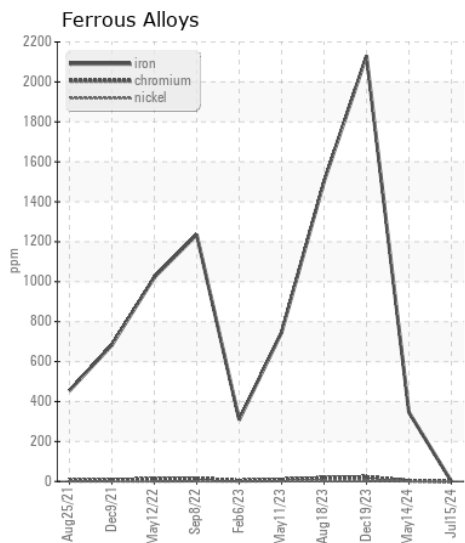
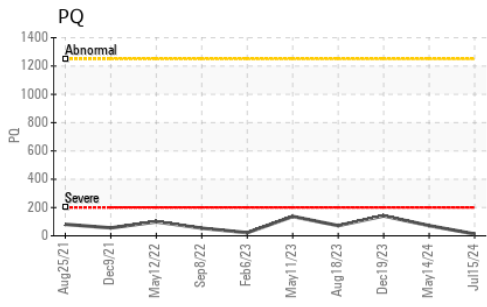
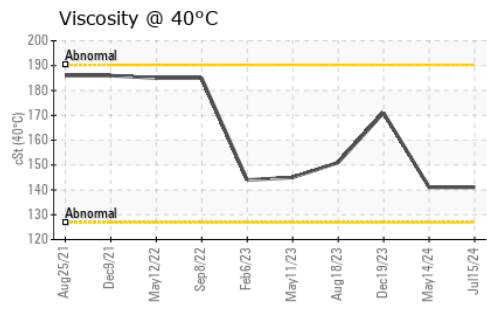
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	2	▲ 75	▲ 321
Potassium	ppm	ASTM D5185m	>20	0	6	16
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	<1	1	11
Boron	ppm	ASTM D5185m		0	3	19
Barium	ppm	ASTM D5185m		0	0	2
Molybdenum	ppm	ASTM D5185m		0	<1	0
Manganese	ppm	ASTM D5185m		0	4	21
Magnesium	ppm	ASTM D5185m		2	4	12
Calcium	ppm	ASTM D5185m		5	9	25
Phosphorus	ppm	ASTM D5185m		307	314	349
Zinc	ppm	ASTM D5185m		9	5	15
Sulfur	ppm	ASTM D5185m		19587	20086	17656
Visc @ 40°C	cSt	ASTM D445		141	141	171



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0220394 **Received** : 17 Jul 2024
Lab Number : 06239430 **Tested** : 18 Jul 2024
Unique Number : 11128264 **Diagnosed** : 19 Jul 2024 - Doug Bogart
Test Package : CONST (Additional Tests: PQ)

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Certificate L2367
 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)