



WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
SEVERE
NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXKHF811806

Component
Left Final Drive

Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

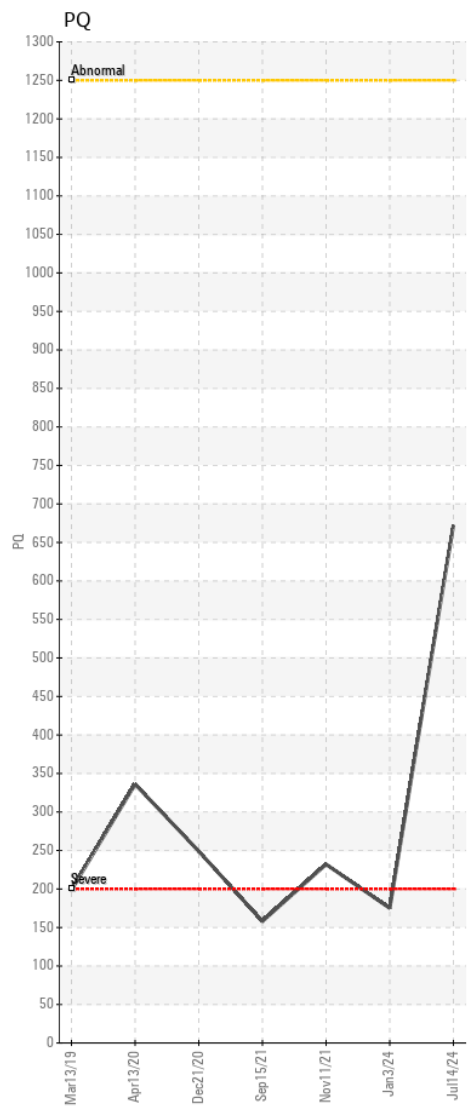
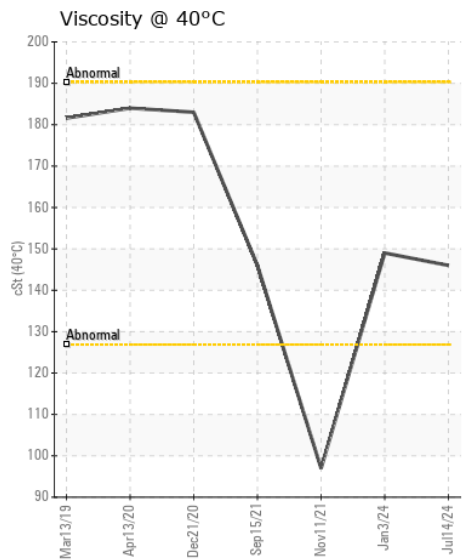
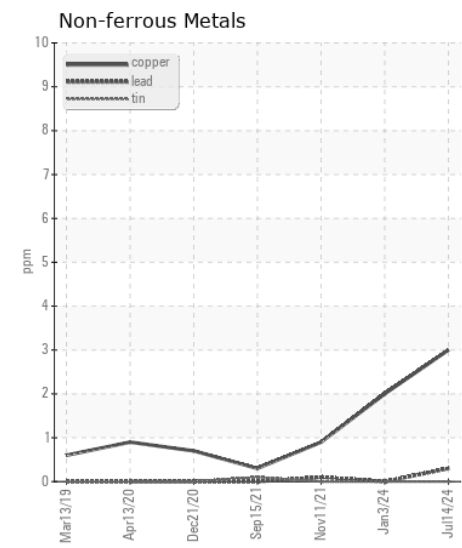
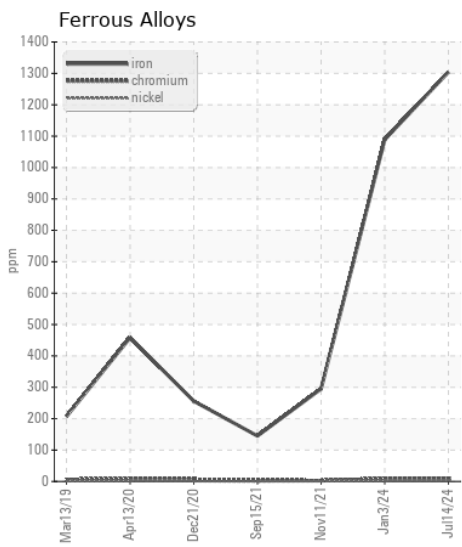
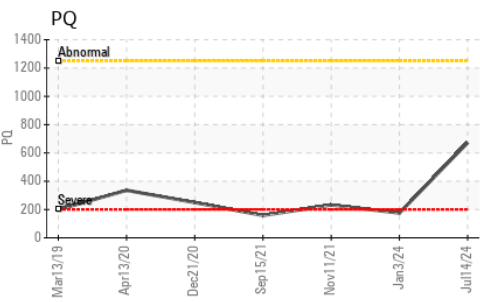
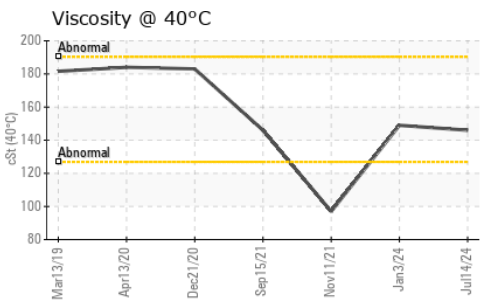
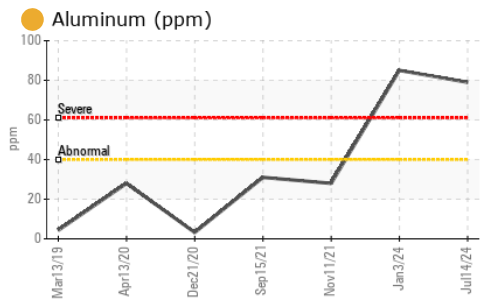
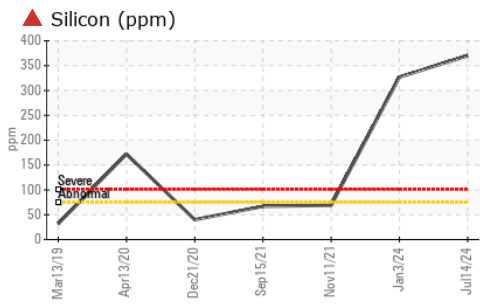
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0223390	JR0198376	JR0108284
Sample Date		Client Info		14 Jul 2024	03 Jan 2024	11 Nov 2021
Machine Age	hrs	Client Info		4039	3680	2685
Oil Age	hrs	Client Info		0	2524	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				SEVERE	SEVERE	ATTENTION
PQ		ASTM D8184	>1250	672	175	232
Iron	ppm	ASTM D5185m	>750	1304	1089	295
Chromium	ppm	ASTM D5185m	>9	10	9	3
Nickel	ppm	ASTM D5185m	>10	3	2	<1
Titanium	ppm	ASTM D5185m		9	9	2
Silver	ppm	ASTM D5185m		0	0	5
Aluminum	ppm	ASTM D5185m	>40	79	85	28
Lead	ppm	ASTM D5185m	>15	<1	0	<1
Copper	ppm	ASTM D5185m	>40	3	2	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>75	▲ 370	▲ 327	69
Potassium	ppm	ASTM D5185m	>20	17	14	3
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	VLITE
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
Sodium	ppm	ASTM D5185m	>51	4	5	0
Boron	ppm	ASTM D5185m		20	12	10
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		8	<1	1
Manganese	ppm	ASTM D5185m		11	10	4
Magnesium	ppm	ASTM D5185m		31	6	0
Calcium	ppm	ASTM D5185m		36	24	0
Phosphorus	ppm	ASTM D5185m		319	338	274
Zinc	ppm	ASTM D5185m		38	13	0
Sulfur	ppm	ASTM D5185m		16863	17771	16000
Visc @ 40°C	cSt	ASTM D445		146	149	97.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0223390 **Received** : 15 Jul 2024
Lab Number : 06236382 **Tested** : 16 Jul 2024
Unique Number : 11125216 **Diagnosed** : 16 Jul 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)