



WEAR	ATTENTION
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXLMF815176

Component
Left Final Drive

Fluid
JOHN DEERE GL-5 80W90 (--- 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 alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

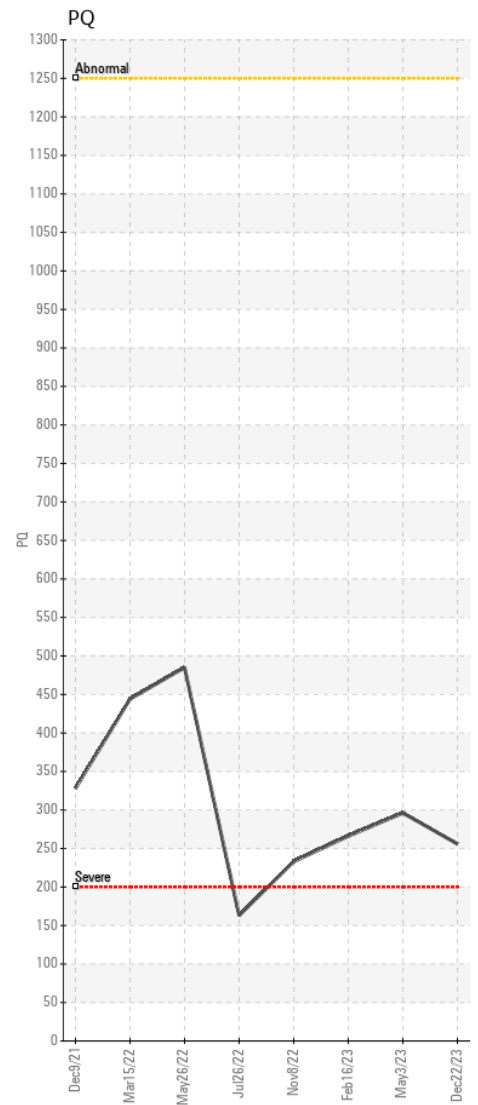
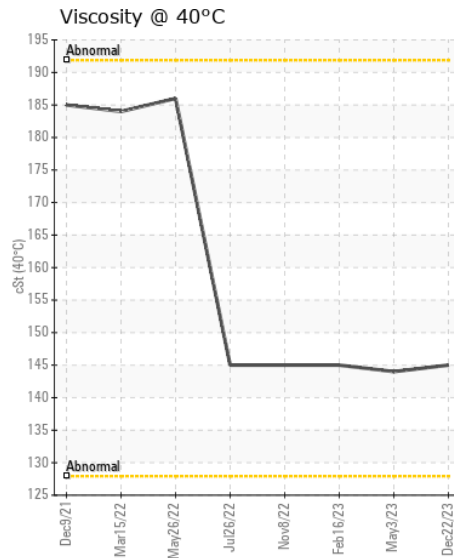
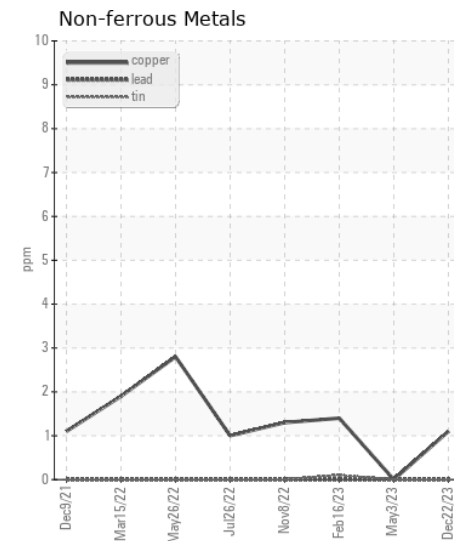
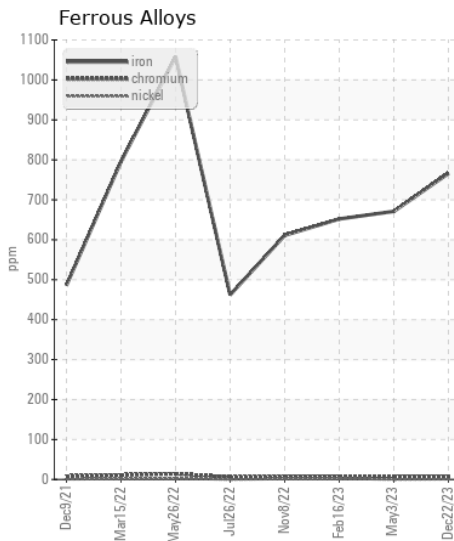
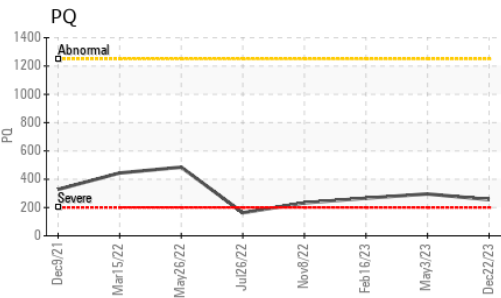
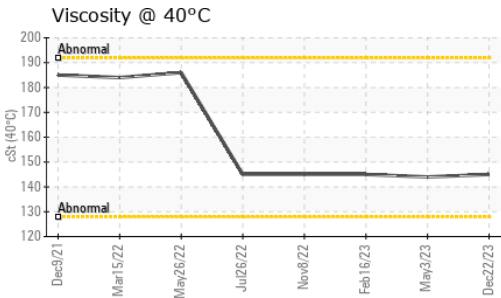
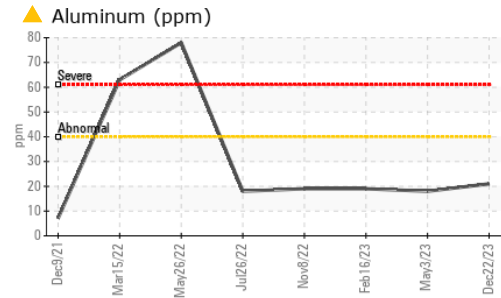
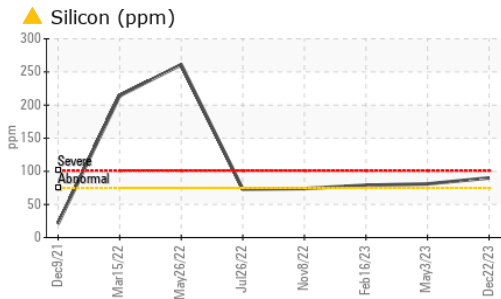
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0192810	JR0173158	JR0162871
Sample Date		Client Info		22 Dec 2023	03 May 2023	16 Feb 2023
Machine Age	hrs	Client Info		4146	3731	3435
Oil Age	hrs	Client Info		2384	0	2396
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Not Changd	None
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

PQ		ASTM D8184	>1250	256	296	266
Iron	ppm	ASTM D5185m	>750	766	671	▲ 652
Chromium	ppm	ASTM D5185m	>9	7	7	7
Nickel	ppm	ASTM D5185m	>10	<1	0	1
Titanium	ppm	ASTM D5185m		2	2	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	▲ 21	▲ 18	▲ 19
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	1	0	1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	▲ 90	▲ 81	▲ 79
Potassium	ppm	ASTM D5185m	>20	5	2	3
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	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

Sodium	ppm	ASTM D5185m	>51	3	2	2
Boron	ppm	ASTM D5185m		12	10	11
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		<1	1	2
Manganese	ppm	ASTM D5185m		7	7	8
Magnesium	ppm	ASTM D5185m		3	3	5
Calcium	ppm	ASTM D5185m		14	18	29
Phosphorus	ppm	ASTM D5185m		330	291	322
Zinc	ppm	ASTM D5185m		19	16	15
Sulfur	ppm	ASTM D5185m		16565	16050	17857
Visc @ 40°C	cSt	ASTM D445		145	144	145



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0192810 **Received** : 10 Jan 2024
Lab Number : 06056925 **Diagnosed** : 11 Jan 2024
Unique Number : 10822874 **Diagnostician** : Don Baldrige
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)