



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXAJF813194
 Component
Right Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213013	JR0191015	JR0197835
Sample Date		Client Info		19 May 2024	31 Jan 2024	15 Dec 2023
Machine Age	hrs	Client Info		8267	7715	7711
Oil Age	hrs	Client Info		7143	6595	6591
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	116	32	1723
Iron	ppm	ASTM D5185m	>750	135	18	▲ 3367
Chromium	ppm	ASTM D5185m	>9	<1	<1	▲ 22
Nickel	ppm	ASTM D5185m	>10	0	<1	6
Titanium	ppm	ASTM D5185m		0	<1	8
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	4	2	● 91
Lead	ppm	ASTM D5185m	>15	0	2	<1
Copper	ppm	ASTM D5185m	>40	0	2	6
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

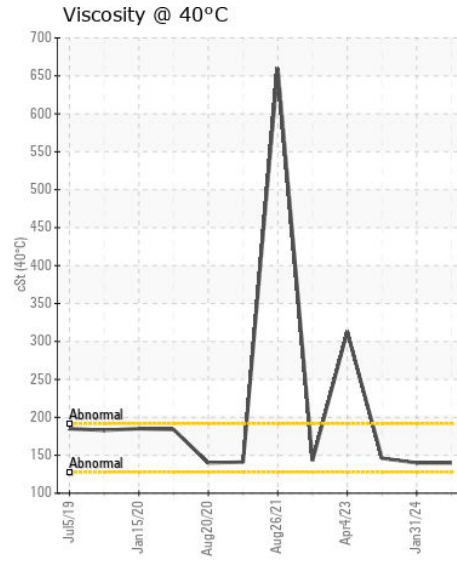
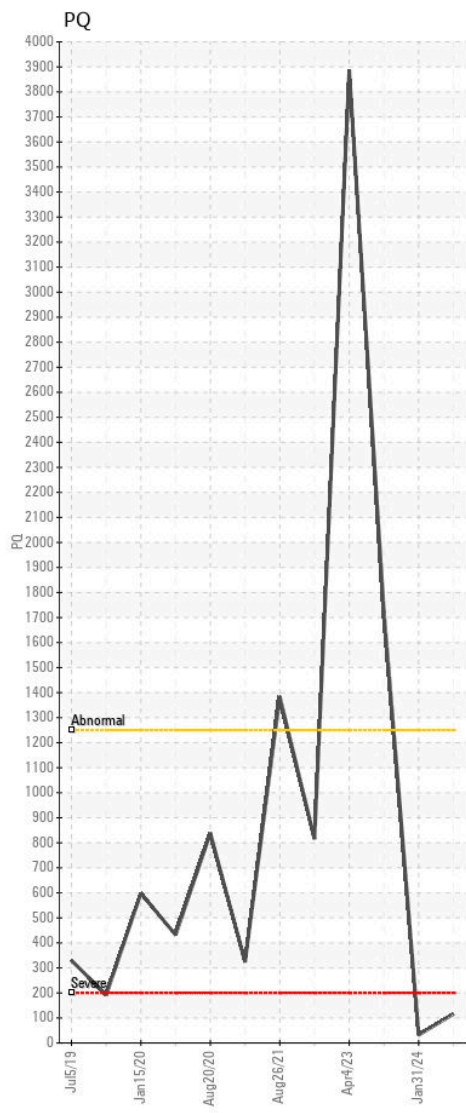
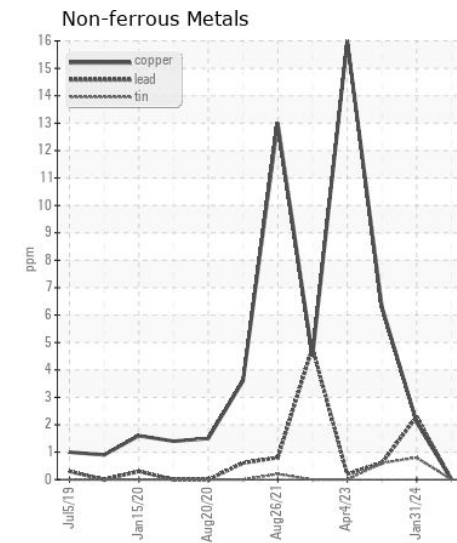
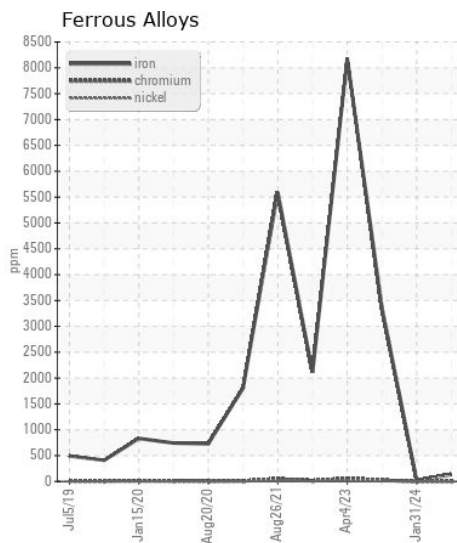
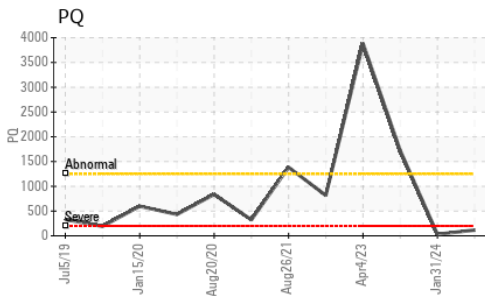
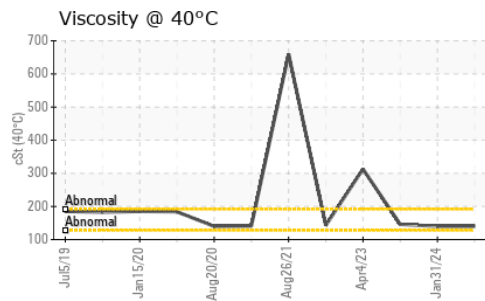
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	28	13	▲ 750
Potassium	ppm	ASTM D5185m	>20	4	8	26
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	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	15	13	6
Boron	ppm	ASTM D5185m		1	4	5
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	3
Manganese	ppm	ASTM D5185m		1	2	23
Magnesium	ppm	ASTM D5185m		<1	3	14
Calcium	ppm	ASTM D5185m		13	10	27
Phosphorus	ppm	ASTM D5185m		1451	1272	1830
Zinc	ppm	ASTM D5185m		20	8	10
Sulfur	ppm	ASTM D5185m		26043	21688	23343
Visc @ 40°C	cSt	ASTM D445		140	140	146



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213013 **Received** : 21 May 2024
Lab Number : 06186438 **Tested** : 22 May 2024
Unique Number : 11043190 **Diagnosed** : 23 May 2024 - Sean Felton
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)