



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 350G 1FF350GXPLF814924
 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		JR0192696	JR0205511	JR0189380
Sample Date		Client Info		11 Jul 2024	16 Apr 2024	09 Nov 2023
Machine Age	hrs	Client Info		5066	4681	4041
Oil Age	hrs	Client Info		4426	640	2940
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	17	26	250
Iron	ppm	ASTM D5185m	>750	8	74	714
Chromium	ppm	ASTM D5185m	>9	0	<1	10
Nickel	ppm	ASTM D5185m	>10	0	0	2
Titanium	ppm	ASTM D5185m		0	0	5
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	0	0	72
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	0	2	1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

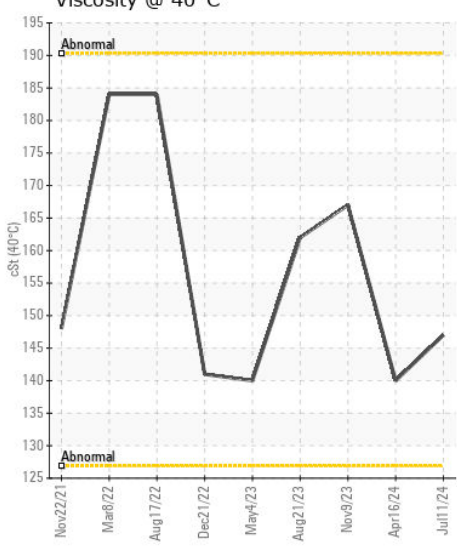
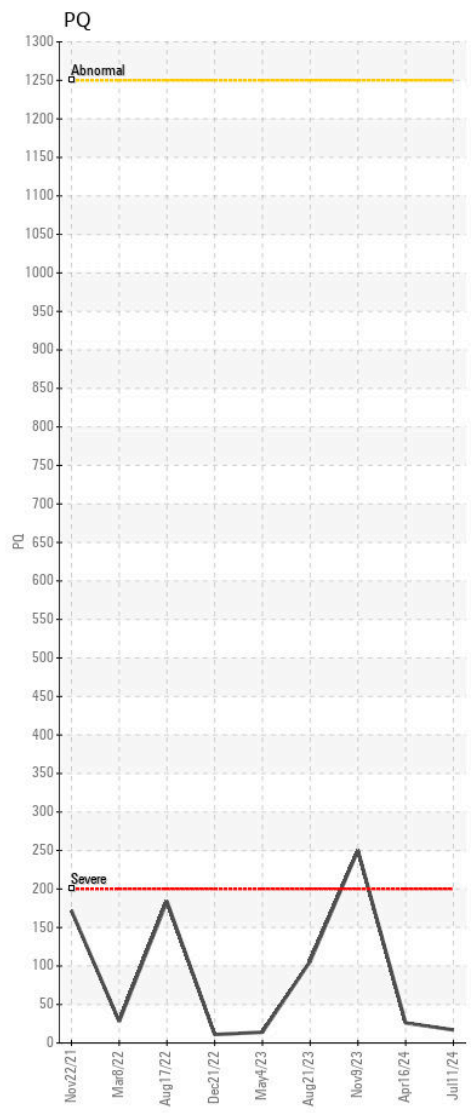
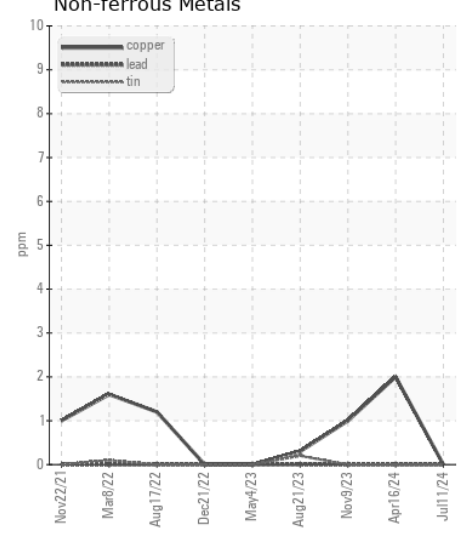
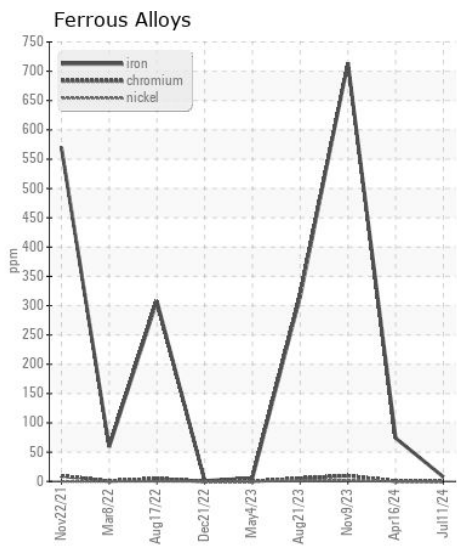
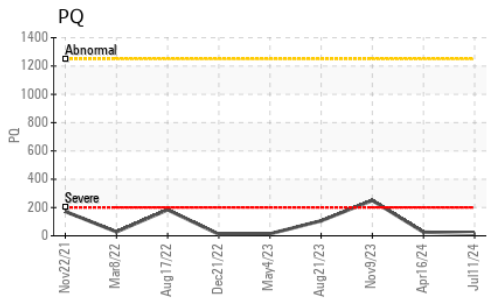
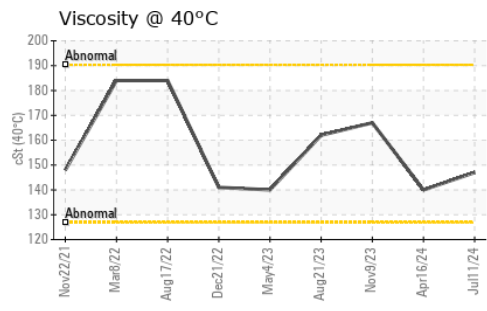
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	2	4	162
Potassium	ppm	ASTM D5185m	>20	0	0	7
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	<1	<1	2
Boron	ppm	ASTM D5185m		29	5	60
Barium	ppm	ASTM D5185m		0	2	2
Molybdenum	ppm	ASTM D5185m		0	0	<1
Manganese	ppm	ASTM D5185m		0	2	9
Magnesium	ppm	ASTM D5185m		2	2	2
Calcium	ppm	ASTM D5185m		4	10	14
Phosphorus	ppm	ASTM D5185m		566	320	916
Zinc	ppm	ASTM D5185m		0	6	19
Sulfur	ppm	ASTM D5185m		21058	22136	21867
Visc @ 40°C	cSt	ASTM D445		147	140	167



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0192696 **Received** : 15 Jul 2024
Lab Number : 06236330 **Tested** : 16 Jul 2024
Unique Number : 11125164 **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)