



WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION

ABNORMAL

NORMAL

Area

[05W47740]

Machine Id

JOHN DEERE 350G 1FF350GXVJF813095

Component

Right Final Drive

Fluid

JOHN DEERE GL-5 80W90 (10 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

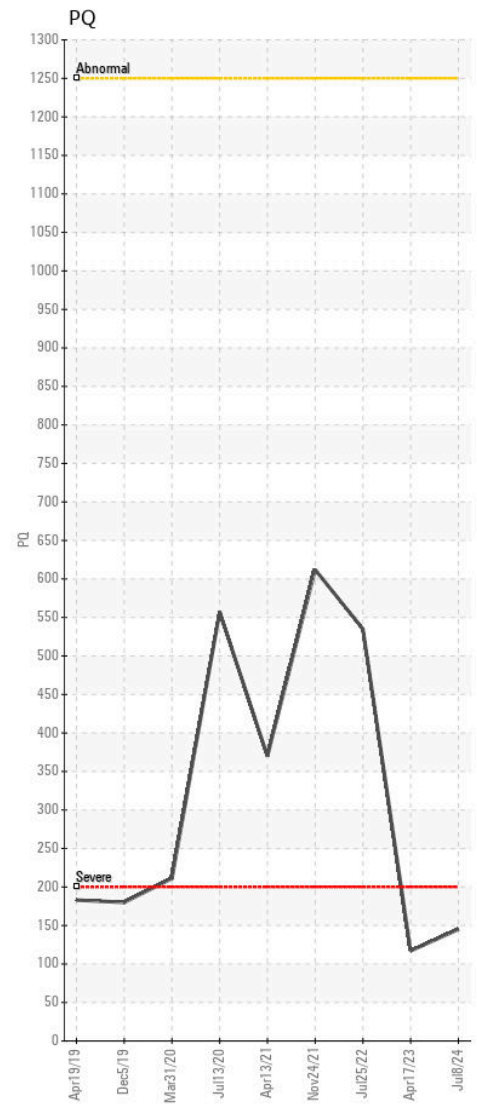
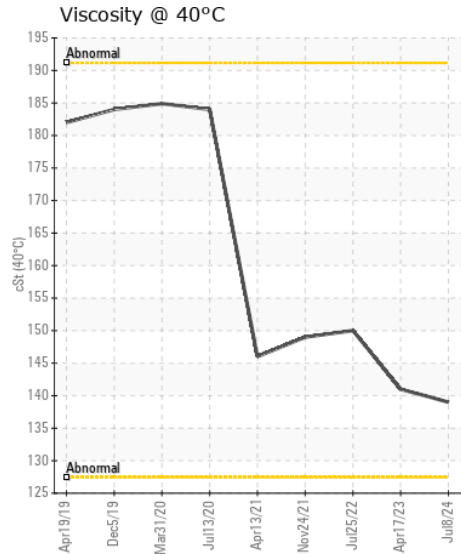
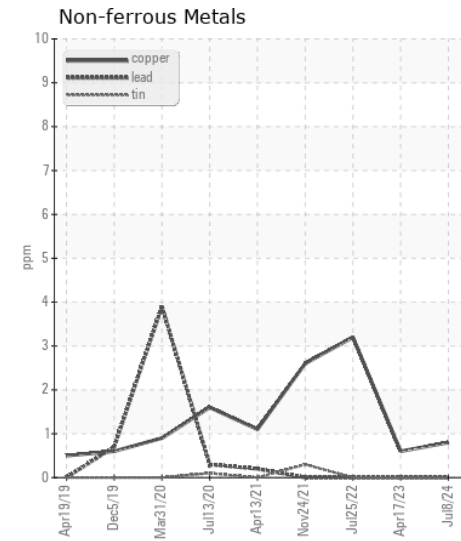
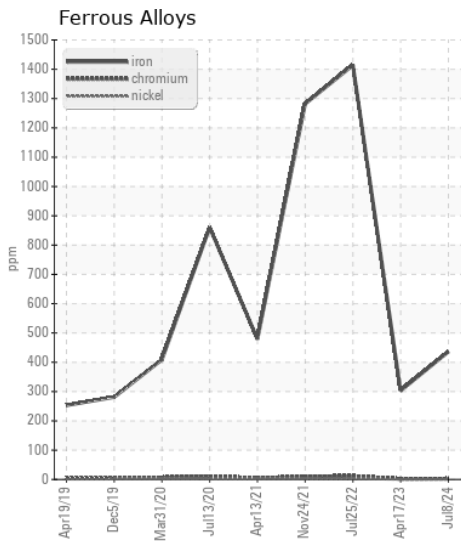
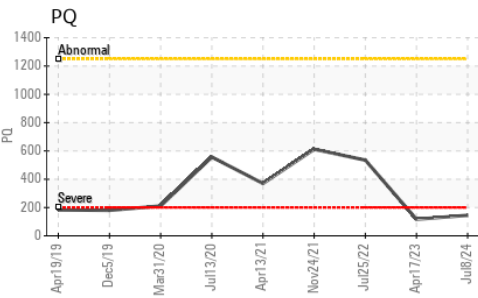
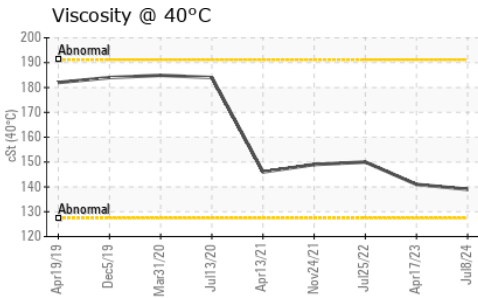
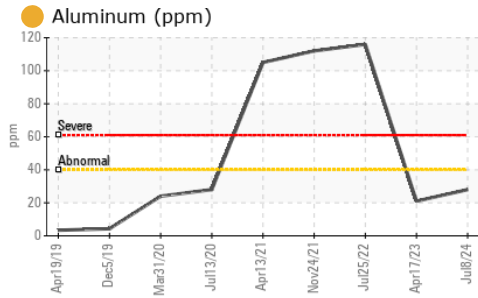
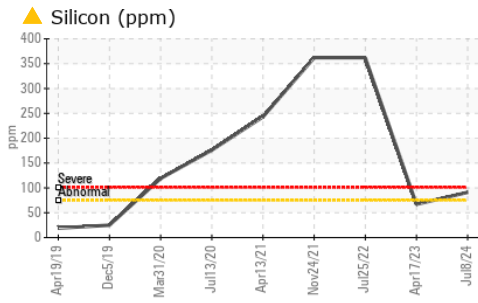
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225437	JR0169036	JR0137159
Sample Date		Client Info		08 Jul 2024	17 Apr 2023	25 Jul 2022
Machine Age	hrs	Client Info		5018	4447	3935
Oil Age	hrs	Client Info		1000	512	2505
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		N/A	None	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

PQ		ASTM D8184	>1250	145	117	535
Iron	ppm	ASTM D5185m	>750	436	303	1414
Chromium	ppm	ASTM D5185m	>9	3	2	12
Nickel	ppm	ASTM D5185m	>10	0	0	2
Titanium	ppm	ASTM D5185m		2	2	8
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	28	21	116
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	<1	<1	3
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>75	91	67	362
Potassium	ppm	ASTM D5185m	>20	8	6	30
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

Sodium	ppm	ASTM D5185m	>51	4	<1	11
Boron	ppm	ASTM D5185m		6	2	24
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		5	2	<1
Manganese	ppm	ASTM D5185m		4	2	13
Magnesium	ppm	ASTM D5185m		24	10	21
Calcium	ppm	ASTM D5185m		39	26	30
Phosphorus	ppm	ASTM D5185m		313	291	262
Zinc	ppm	ASTM D5185m		27	17	12
Sulfur	ppm	ASTM D5185m		19940	19908	16888
Visc @ 40°C	cSt	ASTM D445		139	141	150



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225437
Lab Number : 06231750
Unique Number : 11115243
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
 9107 OWENS DRIVE
 MANASSAS PARK, VA
 US 20111

Contact: DON VEST
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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)