



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W47662]

Machine Id

JOHN DEERE 350G 1FF350GXCNF815479

Component

Left Final Drive

Fluid

JOHN DEERE GL-5 80W90 (11 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225562	JR0211044	JR0174904
Sample Date		Client Info		26 Jun 2024	01 Apr 2024	07 Jun 2023
Machine Age	hrs	Client Info		2512	1975	1466
Oil Age	hrs	Client Info		537	1975	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Filter Changed		Client Info		N/A	None	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	76	296	241
Iron	ppm	ASTM D5185m	>750	124	387	349
Chromium	ppm	ASTM D5185m	>9	2	5	5
Nickel	ppm	ASTM D5185m	>10	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	3	1	0
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	<1	2	0
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

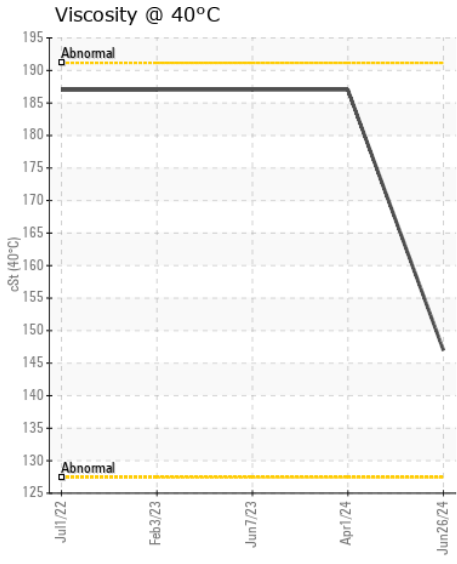
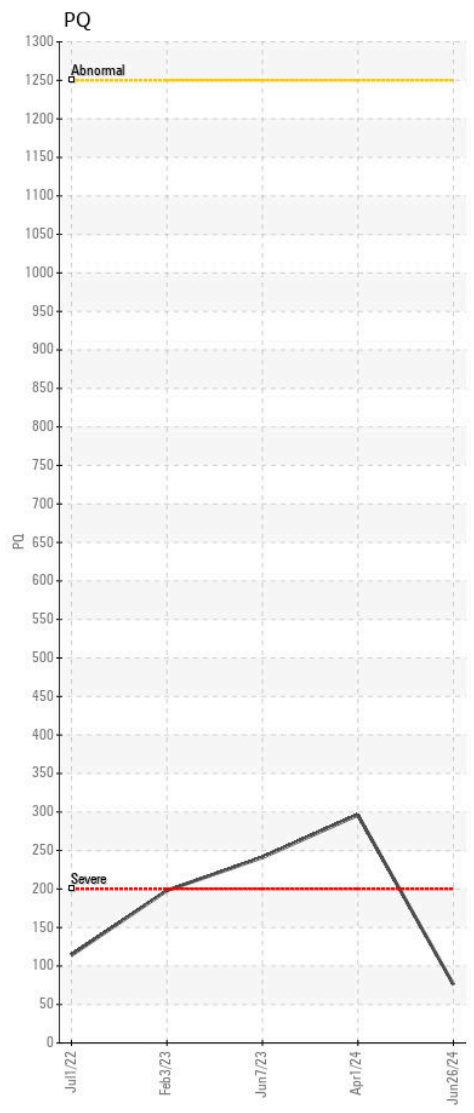
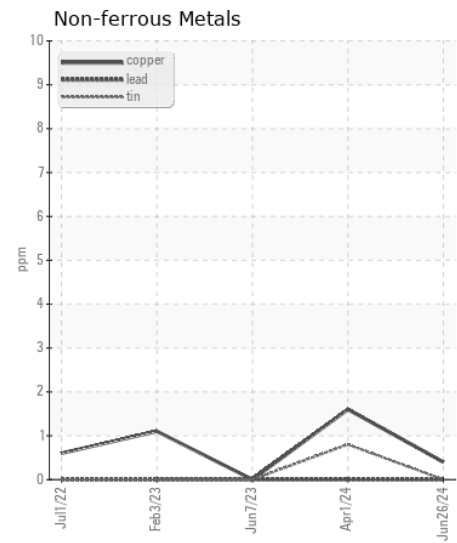
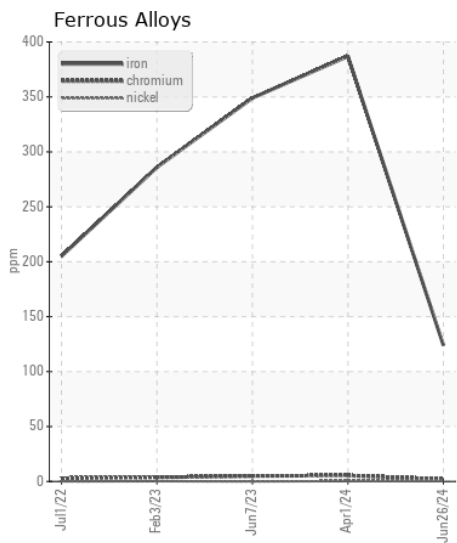
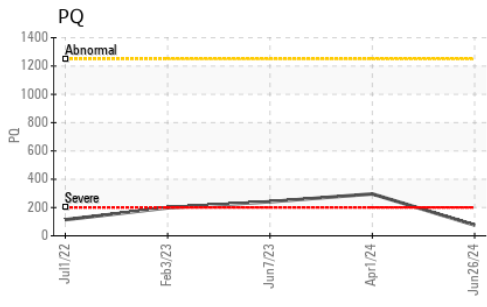
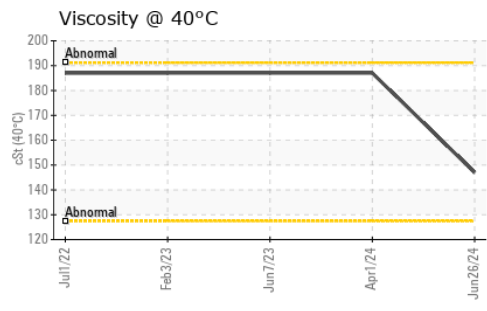
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	8	19	17
Potassium	ppm	ASTM D5185m	>20	2	<1	<1
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	MODER
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	2	<1
Boron	ppm	ASTM D5185m		27	79	92
Barium	ppm	ASTM D5185m		5	2	<1
Molybdenum	ppm	ASTM D5185m		10	<1	<1
Manganese	ppm	ASTM D5185m		2	7	6
Magnesium	ppm	ASTM D5185m		32	1	2
Calcium	ppm	ASTM D5185m		51	83	49
Phosphorus	ppm	ASTM D5185m		520	477	525
Zinc	ppm	ASTM D5185m		53	33	22
Sulfur	ppm	ASTM D5185m		19987	17774	18529
Visc @ 40°C	cSt	ASTM D445		147	187	187



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0225562 **Received** : 27 Jun 2024
Lab Number : 06222515 **Tested** : 28 Jun 2024
Unique Number : 11100712 **Diagnosed** : 28 Jun 2024 - Angela Borella
Test Package : CONST (Additional Tests: PQ)

B & S SITE DEVELOPMENT
 7800 PINEY BRANCH LANE
 BRISTOW, VA
 US 20136
 Contact: DANNY HUFF
 dhuff@bandssite.com
 T: (540)270-3203
 F: (703)753-0605

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)