



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

[BENCHMARK]

Machine Id

JOHN DEERE 350G 1FF350GXKEE809751

Component

Swing Drive

Fluid

JOHN DEERE GL-5 80W90 (12 QTS)

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0203077	JR0153271	JR0132855
Sample Date		Client Info		29 Jan 2024	17 Mar 2023	27 Jun 2022
Machine Age	hrs	Client Info		10096	9283	8481
Oil Age	hrs	Client Info		0	802	6879
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	None
Sample Status				NORMAL	ABNORMAL	NORMAL

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		16	23	22
Iron	ppm	ASTM D5185m	>151	110	▲ 152	90
Chromium	ppm	ASTM D5185m	>11	<1	2	1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	4	<1
Aluminum	ppm	ASTM D5185m	>21	4	2	<1
Lead	ppm	ASTM D5185m	>51	<1	0	0
Copper	ppm	ASTM D5185m	>51	0	<1	<1
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

### CONTAMINATION

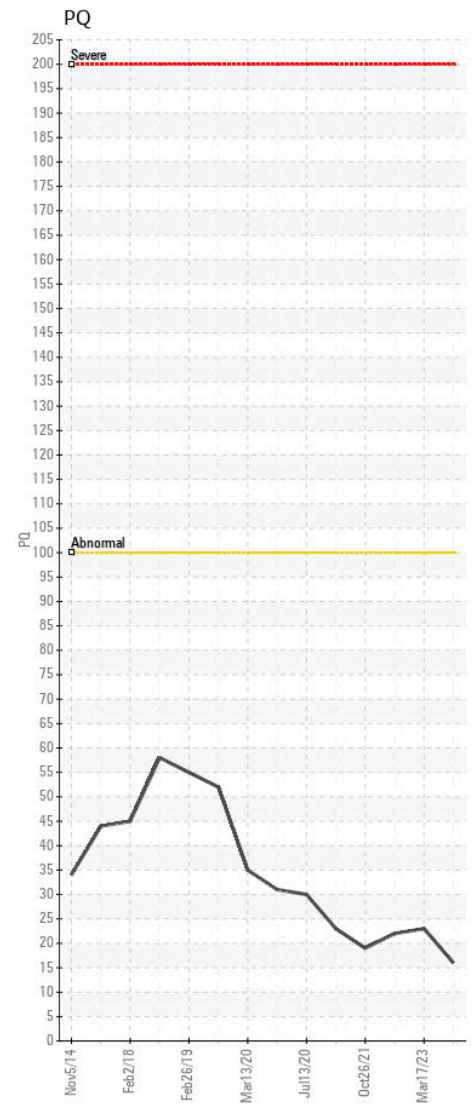
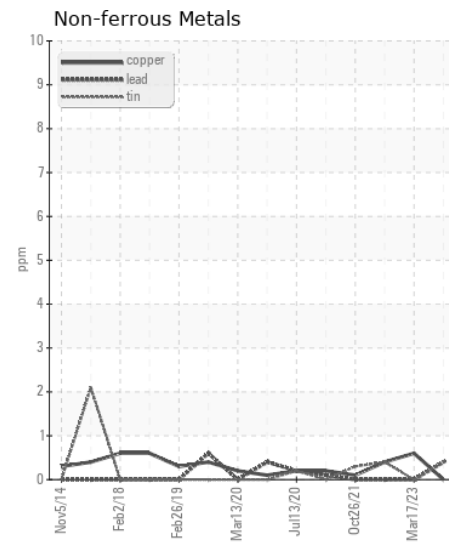
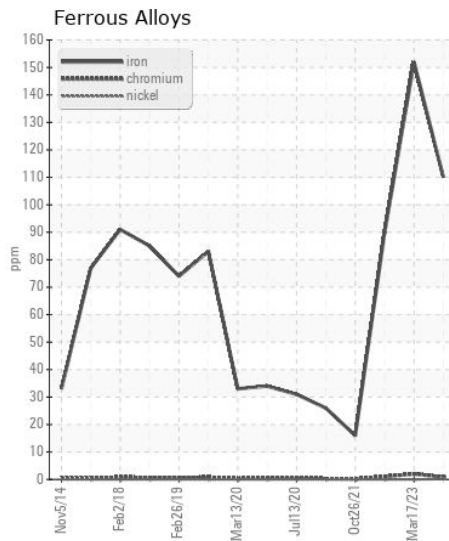
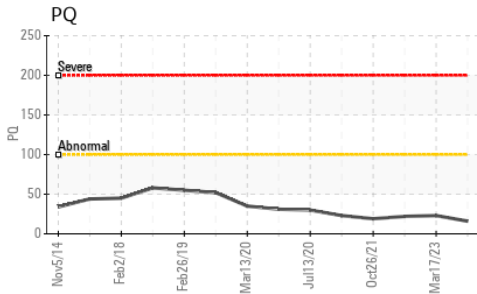
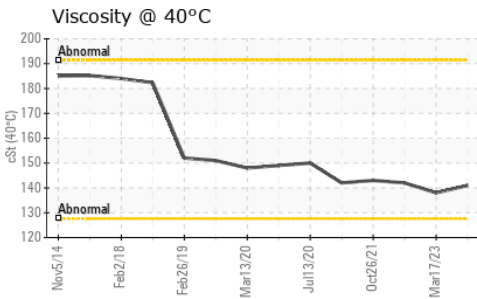
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	13	7	4
Potassium	ppm	ASTM D5185m	>20	4	8	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	▲ MILKY	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	▲ 0.2%	NEG

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	<1	2	<1
Boron	ppm	ASTM D5185m		74	124	111
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	7	<1
Manganese	ppm	ASTM D5185m		2	3	1
Magnesium	ppm	ASTM D5185m		10	39	0
Calcium	ppm	ASTM D5185m		15	105	9
Phosphorus	ppm	ASTM D5185m		791	901	925
Zinc	ppm	ASTM D5185m		10	82	10
Sulfur	ppm	ASTM D5185m		19501	25056	25056
Visc @ 40°C	cSt	ASTM D445		141	138	142



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0203077 **Received** : 14 Feb 2024  
**Lab Number** : 06089714 **Tested** : 16 Feb 2024  
**Unique Number** : 10877159 **Diagnosed** : 16 Feb 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
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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)