



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[44164]
 Machine Id
JOHN DEERE 200G 1FF200GXCMF085131
 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		JR0199489	JR0183719	JR0174595
Sample Date		Client Info		29 Dec 2023	16 Aug 2023	21 May 2023
Machine Age	hrs	Client Info		2897	2444	1971
Oil Age	hrs	Client Info		2424	473	0
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	None
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	166	137	234
Iron	ppm	ASTM D5185m	>750	273	229	475
Chromium	ppm	ASTM D5185m	>9	4	4	8
Nickel	ppm	ASTM D5185m	>10	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	5	3	6
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	<1	<1	1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

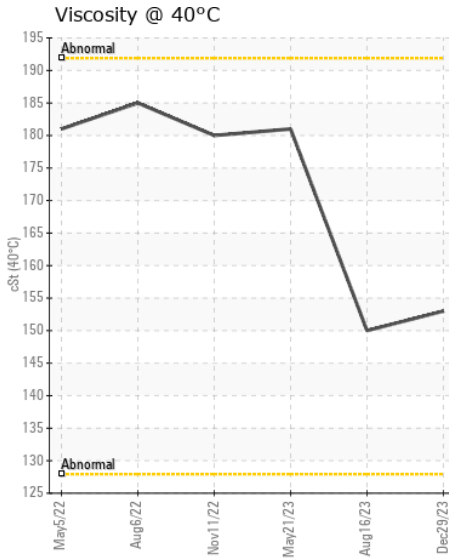
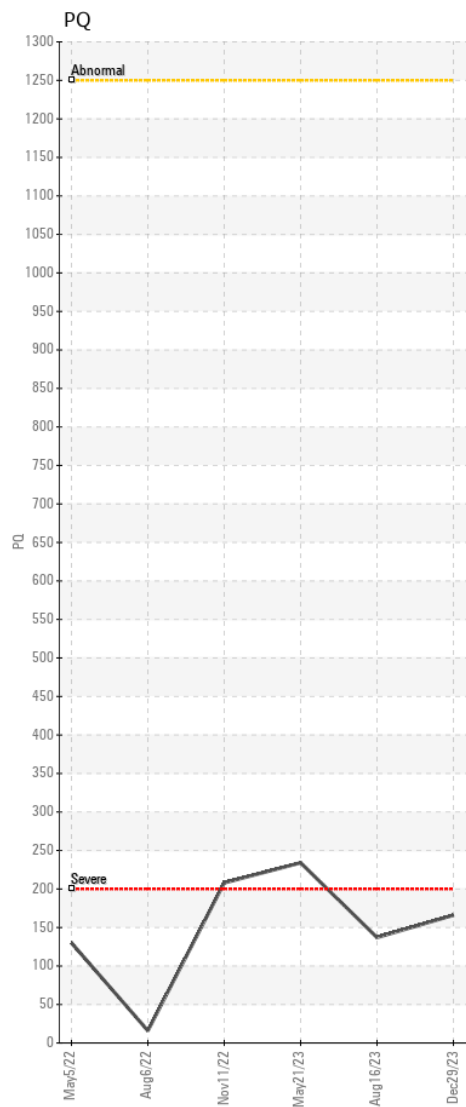
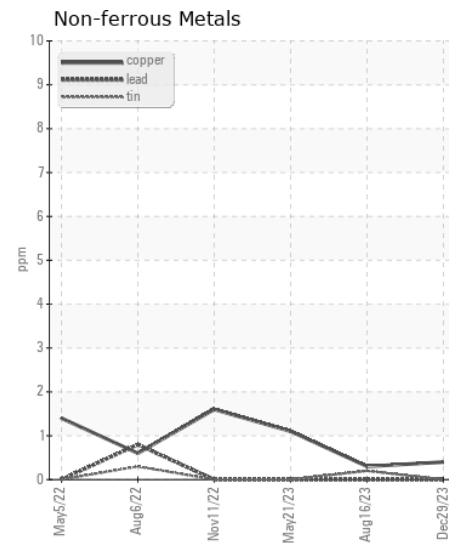
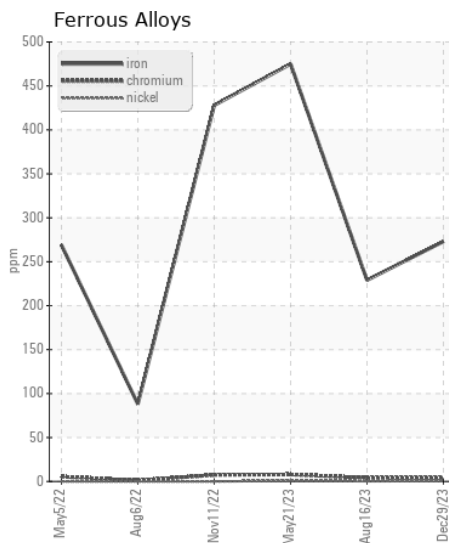
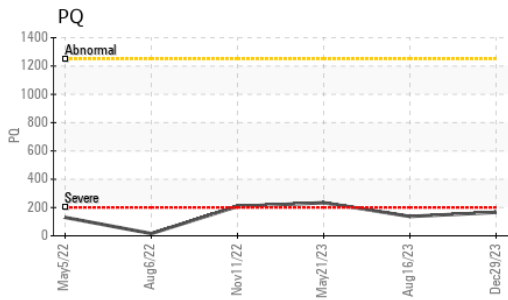
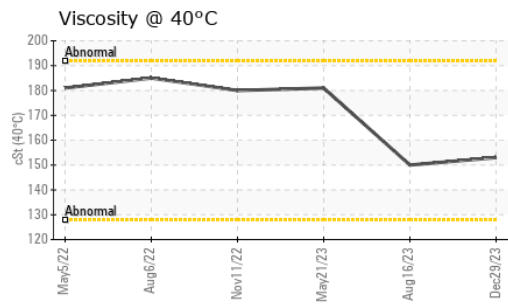
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	29	15	33
Potassium	ppm	ASTM D5185m	>20	5	1	8
Water		WC Method	>0.075	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	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 fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	1	0	<1
Boron	ppm	ASTM D5185m		23	122	49
Barium	ppm	ASTM D5185m		0	4	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		5	4	9
Magnesium	ppm	ASTM D5185m		0	2	3
Calcium	ppm	ASTM D5185m		8	17	14
Phosphorus	ppm	ASTM D5185m		469	846	515
Zinc	ppm	ASTM D5185m		5	15	36
Sulfur	ppm	ASTM D5185m		18591	22025	19306
Visc @ 40°C	cSt	ASTM D445		153	150	181



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0199489 **Received** : 09 Jan 2024
Lab Number : 06056029 **Diagnosed** : 10 Jan 2024
Unique Number : 10821978 **Diagnostician** : Don Baldrige
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)