



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W48388]

Machine Id
JOHN DEERE 85G 1FF085GXCJJ019670

Component
Left 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		JR0179911	JR0148741	JR0124302
Sample Date		Client Info		08 Dec 2023	07 Mar 2023	06 Jun 2022
Machine Age	hrs	Client Info		7965	6936	5958
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	196	168	254
Iron	ppm	ASTM D5185m	>750	252	324	258
Chromium	ppm	ASTM D5185m	>9	3	5	3
Nickel	ppm	ASTM D5185m	>10	2	3	2
Titanium	ppm	ASTM D5185m		<1	1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>40	2	5	3
Lead	ppm	ASTM D5185m	>15	0	0	0
Copper	ppm	ASTM D5185m	>40	<1	1	2
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

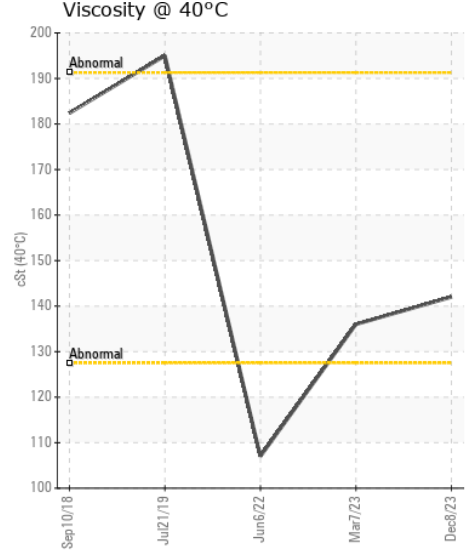
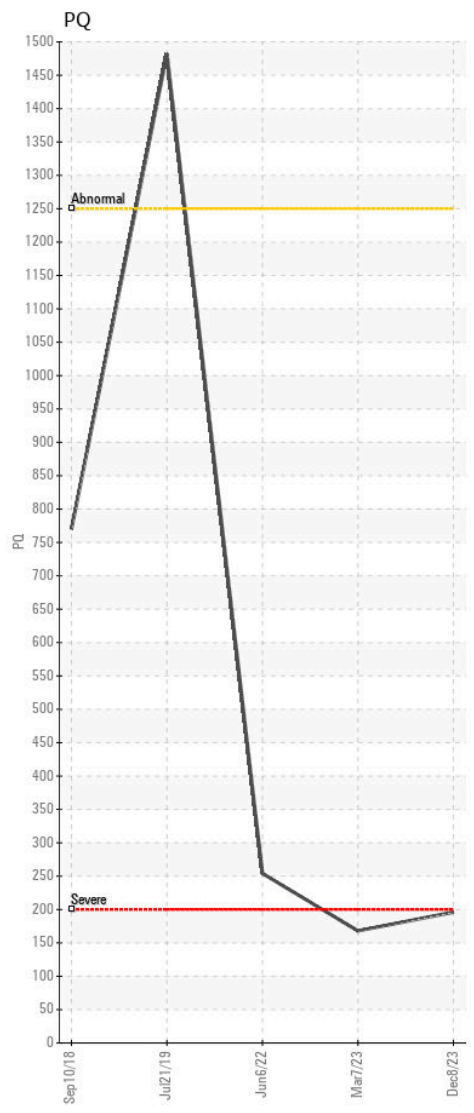
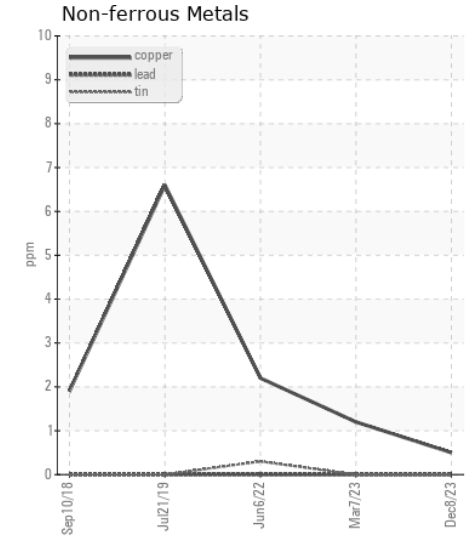
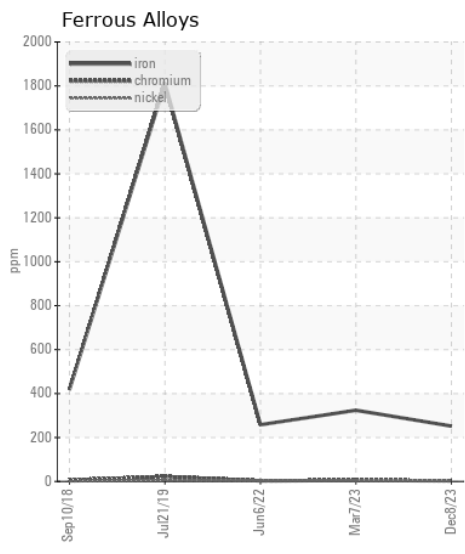
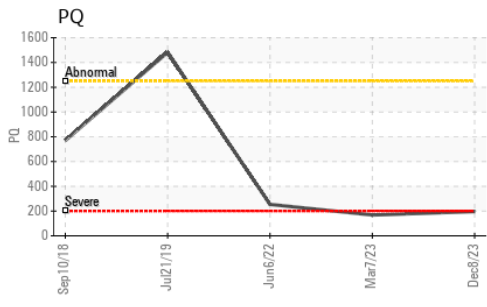
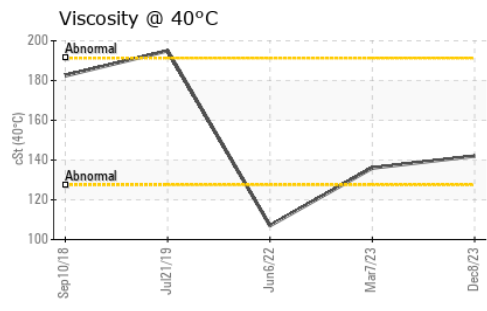
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	23	36	21
Potassium	ppm	ASTM D5185m	>20	0	2	0
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	0	<1
Boron	ppm	ASTM D5185m		42	128	35
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	<1	<1
Manganese	ppm	ASTM D5185m		2	3	2
Magnesium	ppm	ASTM D5185m		5	11	32
Calcium	ppm	ASTM D5185m		81	240	930
Phosphorus	ppm	ASTM D5185m		655	939	617
Zinc	ppm	ASTM D5185m		34	115	344
Sulfur	ppm	ASTM D5185m		20369	24115	13586
Visc @ 40°C	cSt	ASTM D445		142	136	107



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0179911 **Received** : 15 Dec 2023
Lab Number : 06036265 **Tested** : 18 Dec 2023
Unique Number : 10791494 **Diagnosed** : 19 Dec 2023 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

J.E. LIESFELD CONTRACTOR
 1851 BENNINGTON RD
 ROCKVILLE, VA
 US 23146
 Contact: CIELO NAVA-OVALLE
 cielo@liesfeld.com
 T:
 F:

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)