



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 85G 1FF085GXVKJ021308
 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		JR0223606	JR0145492	JR0067020
Sample Date		Client Info		10 Jul 2024	12 Oct 2022	02 Nov 2020
Machine Age	hrs	Client Info		3777	2401	464
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	360	1384	▲ 1168
Iron	ppm	ASTM D5185m	>750	935	▲ 1396	▲ 670
Chromium	ppm	ASTM D5185m	>9	8	▲ 14	9
Nickel	ppm	ASTM D5185m	>10	3	5	1
Titanium	ppm	ASTM D5185m		2	3	2
Silver	ppm	ASTM D5185m		<1	<1	<1
Aluminum	ppm	ASTM D5185m	>40	7	21	2
Lead	ppm	ASTM D5185m	>15	0	<1	<1
Copper	ppm	ASTM D5185m	>40	4	6	3
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		<1	1	<1
White Metal	scalar	*Visual	NONE	HEAVY	MODER	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

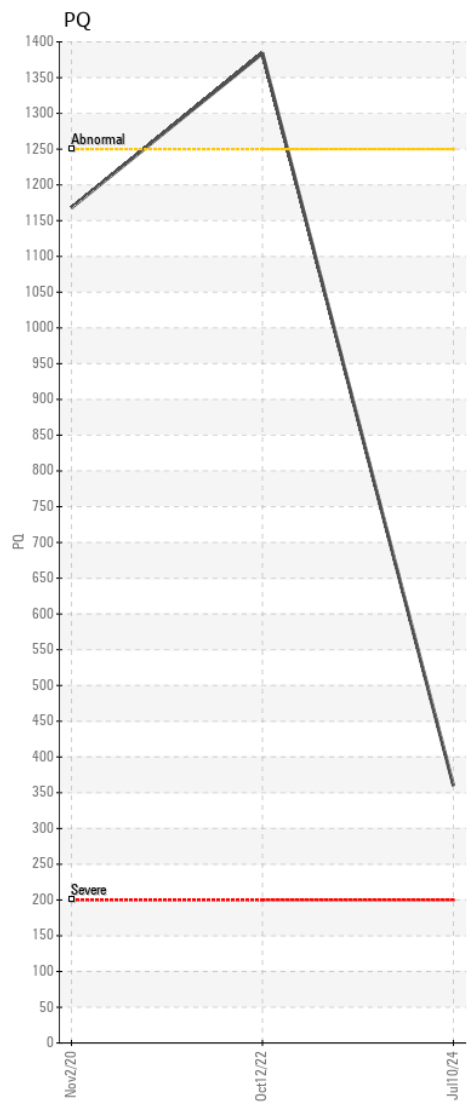
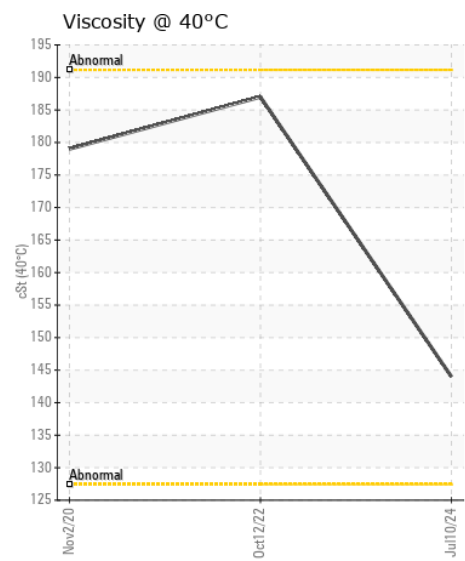
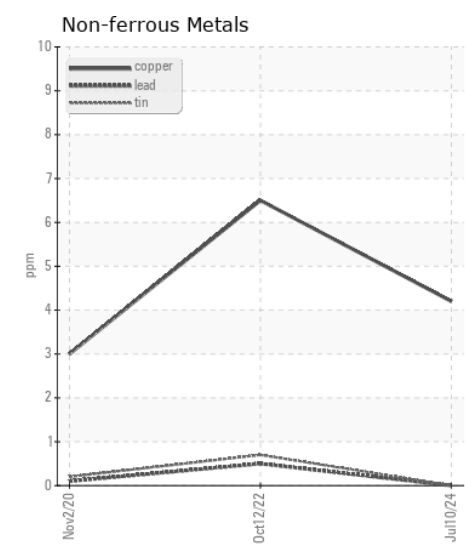
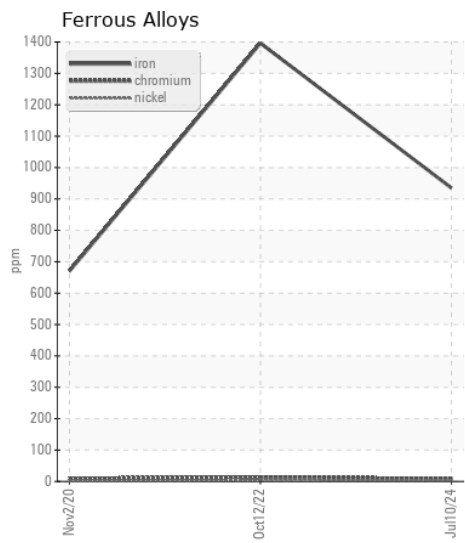
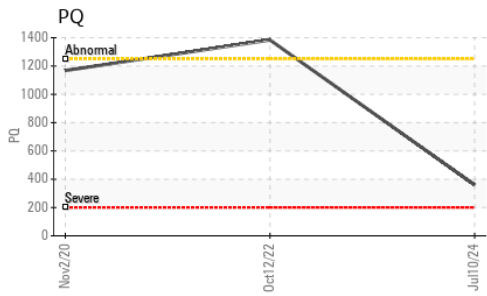
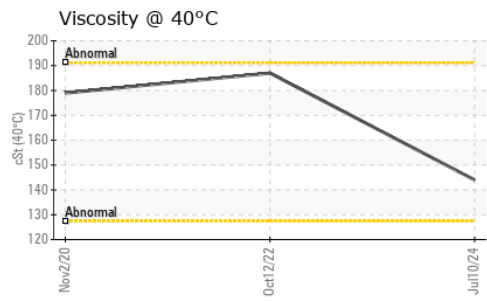
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	37	72	27
Potassium	ppm	ASTM D5185m	>20	3	2	1
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	0	3	0
Boron	ppm	ASTM D5185m		27	44	67
Barium	ppm	ASTM D5185m		12	50	58
Molybdenum	ppm	ASTM D5185m		<1	1	4
Manganese	ppm	ASTM D5185m		8	16	9
Magnesium	ppm	ASTM D5185m		3	12	15
Calcium	ppm	ASTM D5185m		30	4	39
Phosphorus	ppm	ASTM D5185m		450	437	494
Zinc	ppm	ASTM D5185m		84	146	119
Sulfur	ppm	ASTM D5185m		16745	17108	12794
Visc @ 40°C	cSt	ASTM D445		144	187	179



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0223606 **Received** : 11 Jul 2024
Lab Number : 06233468 **Tested** : 12 Jul 2024
Unique Number : 11116961 **Diagnosed** : 13 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - GREENSBORO
 411 SOUTH REGIONAL ROAD
 GREENSBORO, NC
 US 27409
 Contact: NICK GALLAHER
 NGALLAHER@JRENET.COM
 T: (336)668-2762
 F: (336)665-9556

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)