



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 85G 1FF085GXCGJ018780
 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		JR0224512	JR0105696	JR0019437
Sample Date		Client Info		09 Jul 2024	19 Oct 2021	31 Jul 2019
Machine Age	hrs	Client Info		6912	4259	1930
Oil Age	hrs	Client Info		0	0	1930
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	SEVERE	ABNORMAL

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	239	1425	1610
Iron	ppm	ASTM D5185m	>750	600	▲ 1788	1345
Chromium	ppm	ASTM D5185m	>9	6	▲ 19	13
Nickel	ppm	ASTM D5185m	>10	<1	6	4
Titanium	ppm	ASTM D5185m		1	4	5
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	6	● 30	● 27
Lead	ppm	ASTM D5185m	>15	0	<1	<1
Copper	ppm	ASTM D5185m	>40	2	6	6
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	▲ HEAVY	HEAVY
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

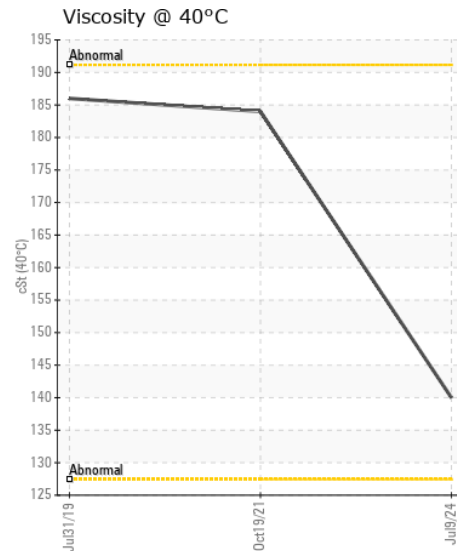
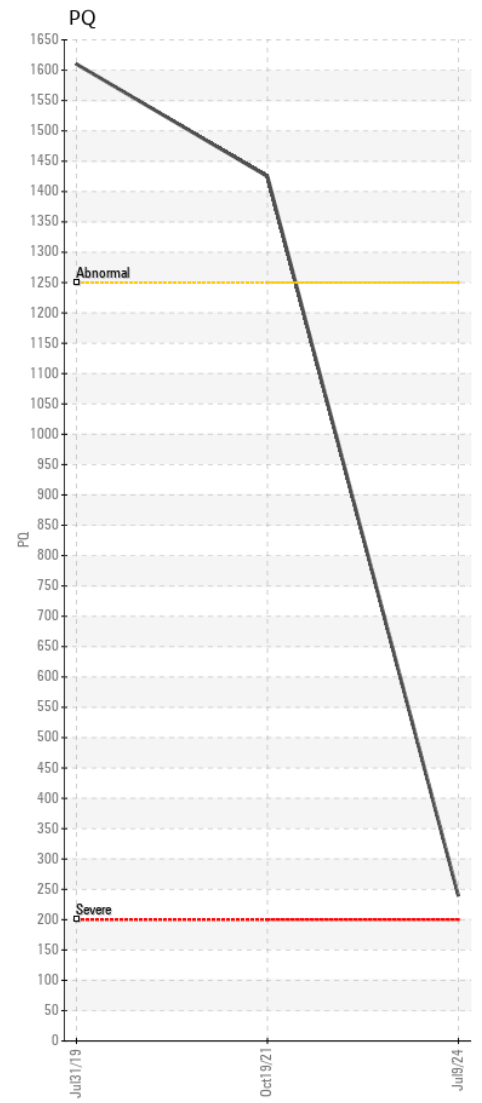
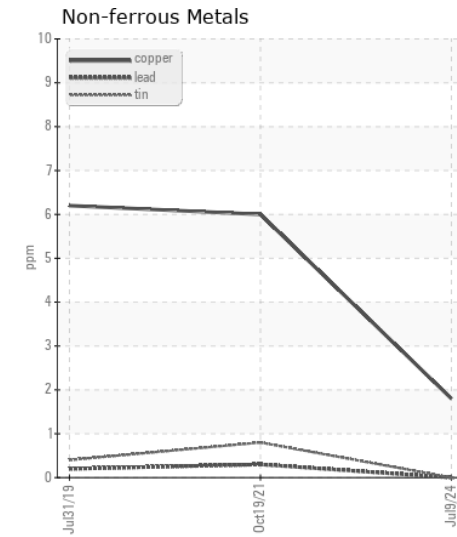
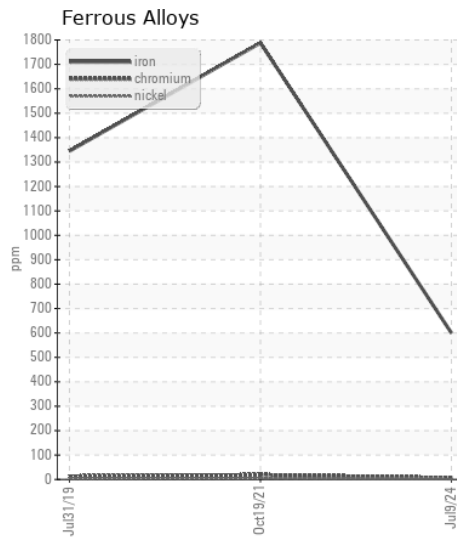
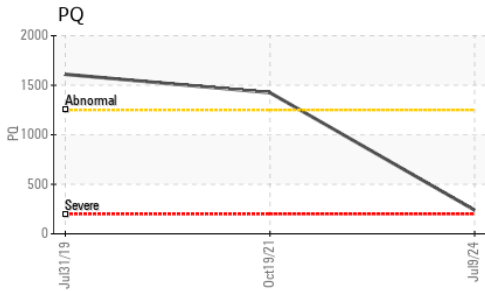
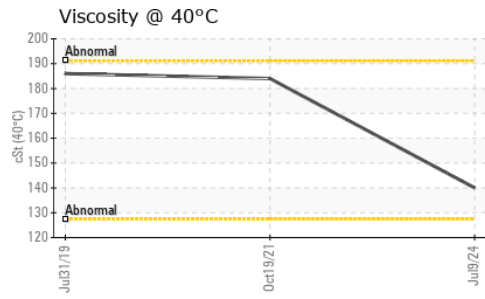
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	46	▲ 163	▲ 102
Potassium	ppm	ASTM D5185m	>20	1	8	7
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	2	0	2
Boron	ppm	ASTM D5185m		12	15	42
Barium	ppm	ASTM D5185m		2	12	39
Molybdenum	ppm	ASTM D5185m		0	1	0
Manganese	ppm	ASTM D5185m		5	15	14
Magnesium	ppm	ASTM D5185m		2	11	<1
Calcium	ppm	ASTM D5185m		6	203	7
Phosphorus	ppm	ASTM D5185m		516	2038	401
Zinc	ppm	ASTM D5185m		14	124	119
Sulfur	ppm	ASTM D5185m		22398	22031	18052
Visc @ 40°C	cSt	ASTM D445		140	184	186



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0224512 **Received** : 10 Jul 2024
Lab Number : 06232449 **Tested** : 11 Jul 2024
Unique Number : 11115942 **Diagnosed** : 11 Jul 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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)

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