



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 1FF085GXVJJ019878
 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		JR0218591	JR0163147	JR0100849
Sample Date		Client Info		17 Jun 2024	28 Feb 2023	13 Sep 2021
Machine Age	hrs	Client Info		5685	4478	3015
Oil Age	hrs	Client Info		3219	2674	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Filter Changed		Client Info		None	N/A	Not Changd
Sample Status				NORMAL	ABNORMAL	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	52	186	131
Iron	ppm	ASTM D5185m	>750	779	2604	▲ 1743
Chromium	ppm	ASTM D5185m	>9	8	32	▲ 21
Nickel	ppm	ASTM D5185m	>10	3	9	6
Titanium	ppm	ASTM D5185m		2	6	5
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>40	10	● 53	● 43
Lead	ppm	ASTM D5185m	>15	0	0	<1
Copper	ppm	ASTM D5185m	>40	2	5	4
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	MODER	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

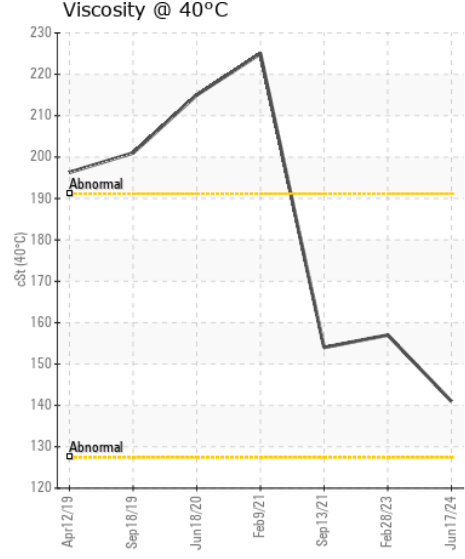
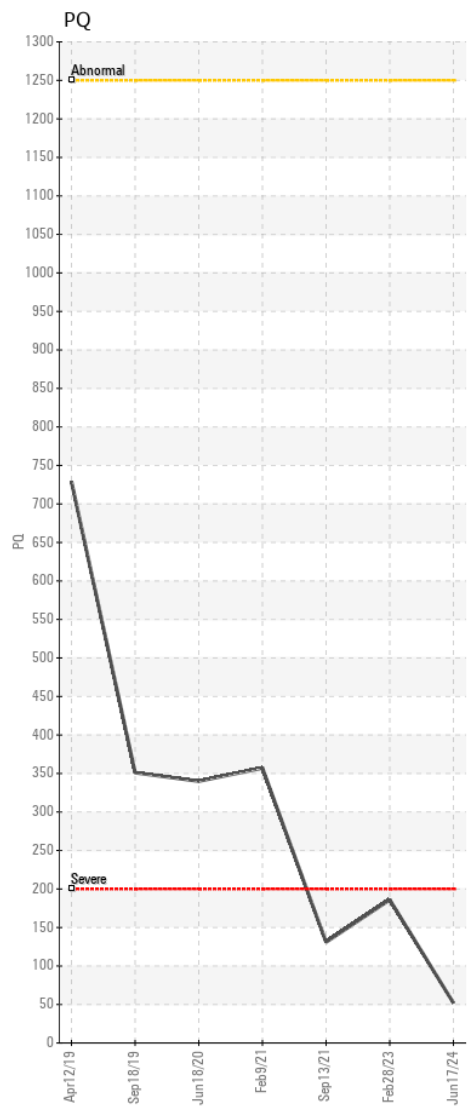
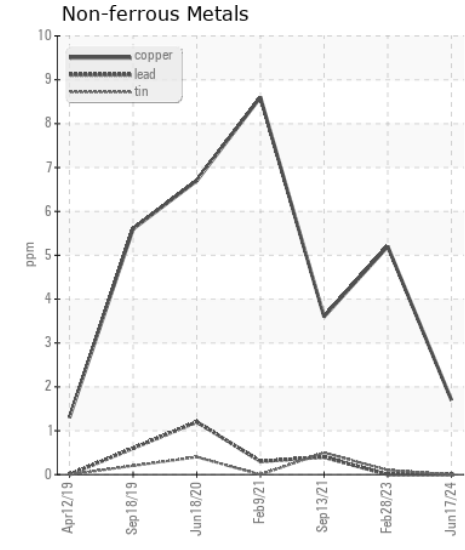
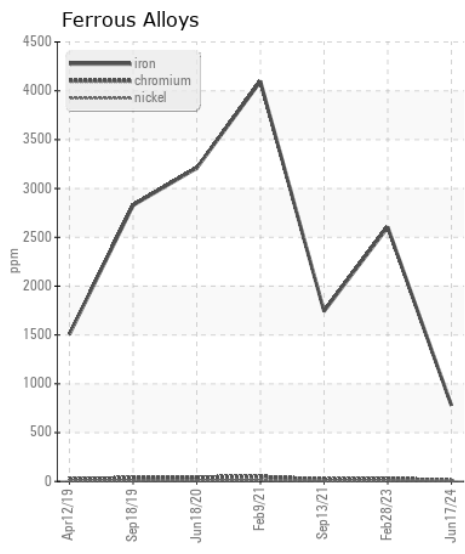
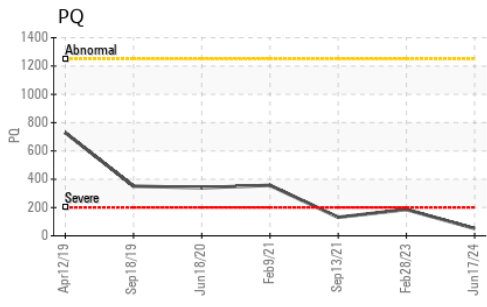
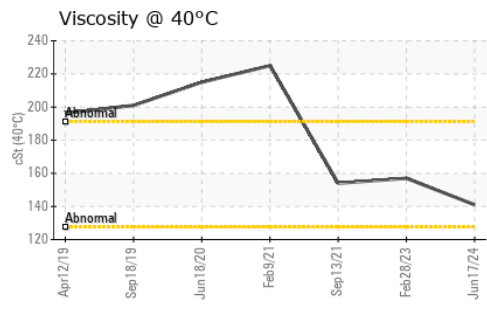
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	57	▲ 207	▲ 165
Potassium	ppm	ASTM D5185m	>20	3	9	7
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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	0	3	3
Boron	ppm	ASTM D5185m		8	18	30
Barium	ppm	ASTM D5185m		4	26	18
Molybdenum	ppm	ASTM D5185m		<1	3	2
Manganese	ppm	ASTM D5185m		6	22	16
Magnesium	ppm	ASTM D5185m		2	7	7
Calcium	ppm	ASTM D5185m		0	24	18
Phosphorus	ppm	ASTM D5185m		343	358	363
Zinc	ppm	ASTM D5185m		26	77	49
Sulfur	ppm	ASTM D5185m		18791	19800	16191
Visc @ 40°C	cSt	ASTM D445		141	157	154



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0218591 **Received** : 18 Jun 2024
Lab Number : 06213828 **Tested** : 20 Jun 2024
Unique Number : 11086692 **Diagnosed** : 20 Jun 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)