



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area [W52507 IRON HORSE]

Machine Id
JOHN DEERE 30G 1FF030GXJJK266195

Component
Right Final Drive

Fluid
JOHN DEERE GL-5 80W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0211622	JR0125626	---
Sample Date		Client Info		17 Jun 2024	11 Jul 2022	---
Machine Age	hrs	Client Info		2111	863	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ATTENTION	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	199	37	---
Iron	ppm	ASTM D5185m	>750	380	91	---
Chromium	ppm	ASTM D5185m	>9	6	2	---
Nickel	ppm	ASTM D5185m	>10	2	0	---
Titanium	ppm	ASTM D5185m		1	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	10	1	---
Lead	ppm	ASTM D5185m	>15	0	<1	---
Copper	ppm	ASTM D5185m	>40	2	2	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

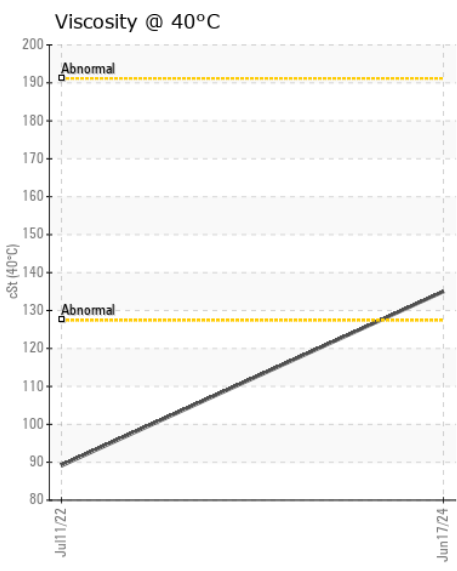
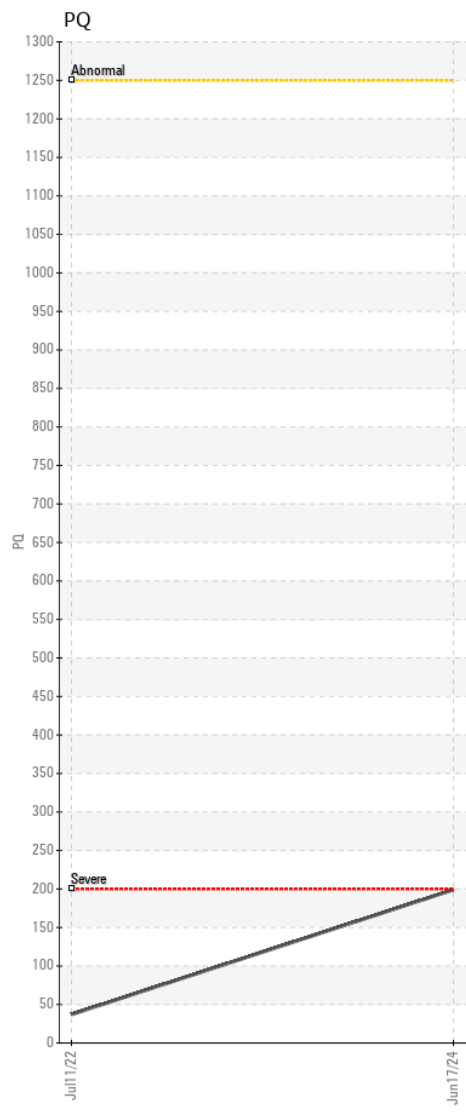
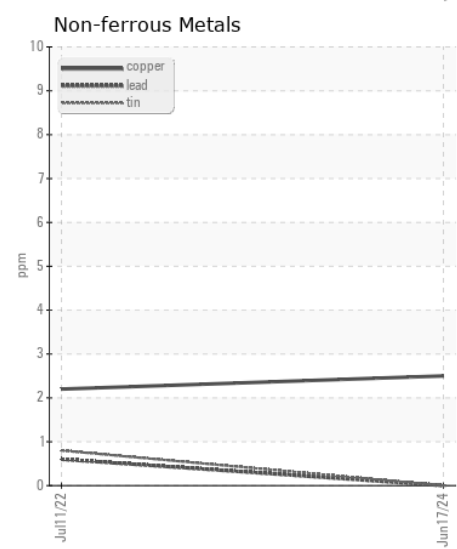
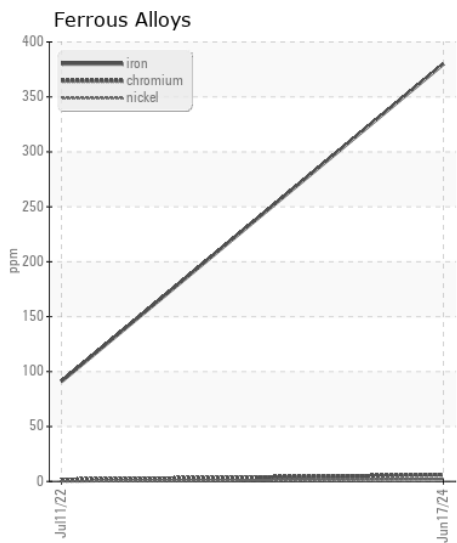
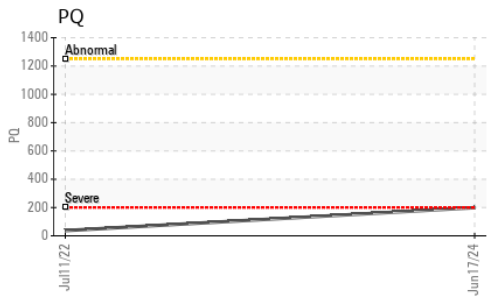
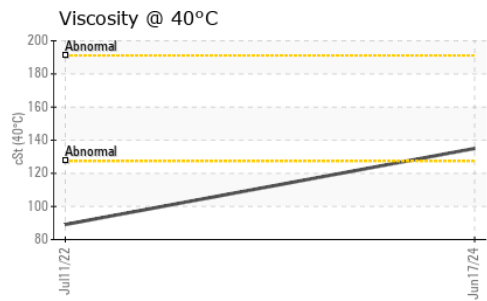
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	69	7	---
Potassium	ppm	ASTM D5185m	>20	3	0	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	2	2	---
Boron	ppm	ASTM D5185m		68	19	---
Barium	ppm	ASTM D5185m		3	19	---
Molybdenum	ppm	ASTM D5185m		2	16	---
Manganese	ppm	ASTM D5185m		4	2	---
Magnesium	ppm	ASTM D5185m		5	13	---
Calcium	ppm	ASTM D5185m		517	3943	---
Phosphorus	ppm	ASTM D5185m		764	523	---
Zinc	ppm	ASTM D5185m		175	697	---
Sulfur	ppm	ASTM D5185m		26697	2750	---
Visc @ 40°C	cSt	ASTM D445		135	89.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0211622 **Received** : 21 Jun 2024
Lab Number : 06217077 **Tested** : 24 Jun 2024
Unique Number : 11089941 **Diagnosed** : 24 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)