



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 844K 1DW844KXAA0633203

Component
Front Right Final Drive
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213832	JR0189612	---
Sample Date		Client Info		13 Jun 2024	01 Nov 2023	---
Machine Age	hrs	Client Info		28585	11712	---
Oil Age	hrs	Client Info		28585	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	SEVERE	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	41	135	---
Iron	ppm	ASTM D5185m	>750	295	▲ 2436	---
Chromium	ppm	ASTM D5185m	>9	<1	▲ 13	---
Nickel	ppm	ASTM D5185m	>10	1	8	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	2	● 8	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	4	58	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

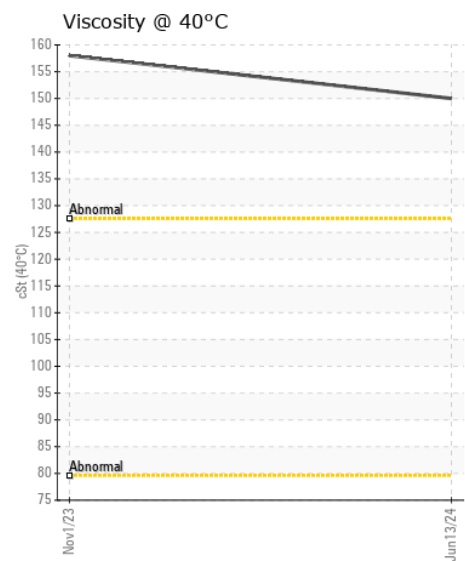
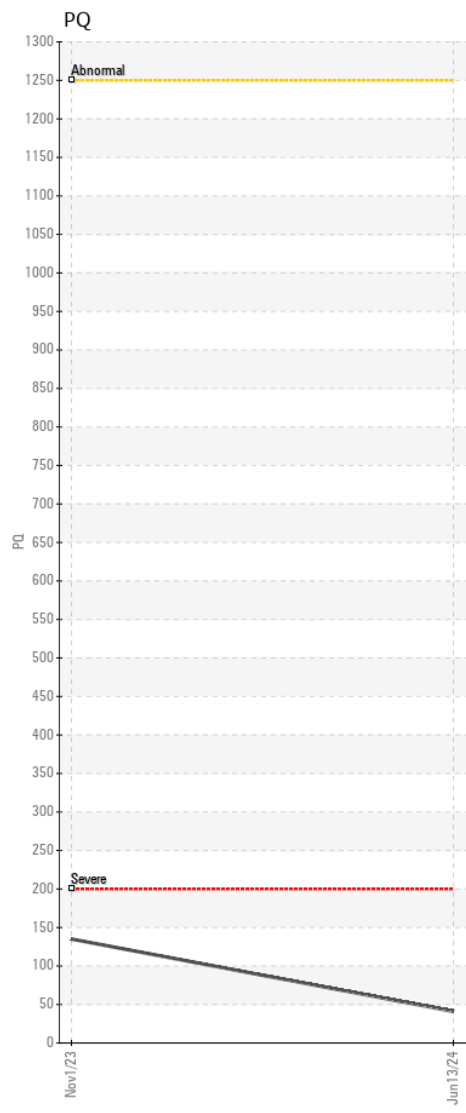
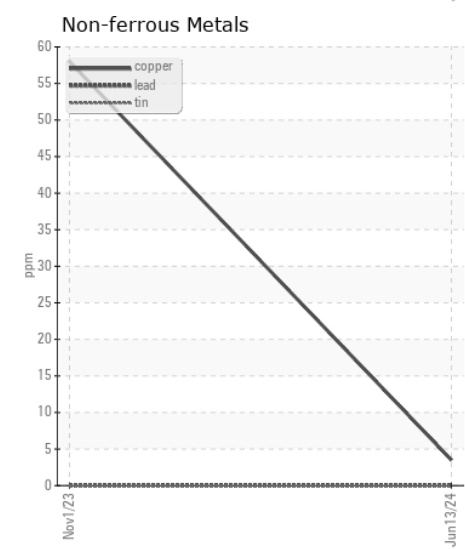
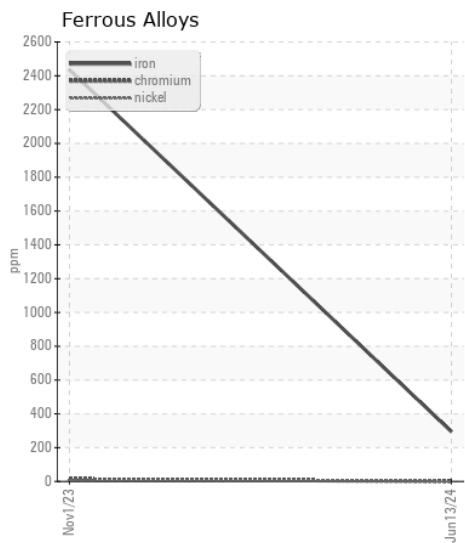
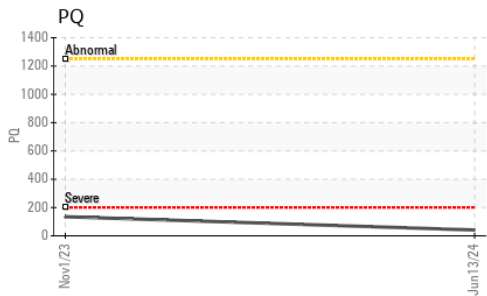
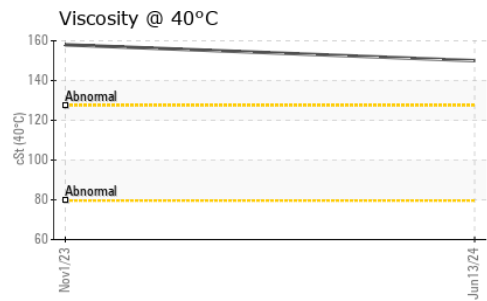
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	15	▲ 81	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
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	7	0	---
Boron	ppm	ASTM D5185m		6	74	---
Barium	ppm	ASTM D5185m		0	4	---
Molybdenum	ppm	ASTM D5185m		1	3	---
Manganese	ppm	ASTM D5185m		3	16	---
Magnesium	ppm	ASTM D5185m		28	24	---
Calcium	ppm	ASTM D5185m		2148	2320	---
Phosphorus	ppm	ASTM D5185m		1307	899	---
Zinc	ppm	ASTM D5185m		702	730	---
Sulfur	ppm	ASTM D5185m		15853	12693	---
Visc @ 40°C	cSt	ASTM D445		150	158	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213832 **Received** : 17 Jun 2024
Lab Number : 06212021 **Tested** : 18 Jun 2024
Unique Number : 11084885 **Diagnosed** : 18 Jun 2024 - Wes Davis
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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