



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 35G 1FF035GXEKK286485

Component
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		JR0213845	JR0071101	---
Sample Date		Client Info		21 Jun 2024	19 Nov 2020	---
Machine Age	hrs	Client Info		996	577	---
Oil Age	hrs	Client Info		996	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	82	59	---
Iron	ppm	ASTM D5185m	>750	267	139	---
Chromium	ppm	ASTM D5185m	>9	5	2	---
Nickel	ppm	ASTM D5185m	>10	2	1	---
Titanium	ppm	ASTM D5185m		2	2	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>40	9	3	---
Lead	ppm	ASTM D5185m	>15	<1	0	---
Copper	ppm	ASTM D5185m	>40	5	3	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

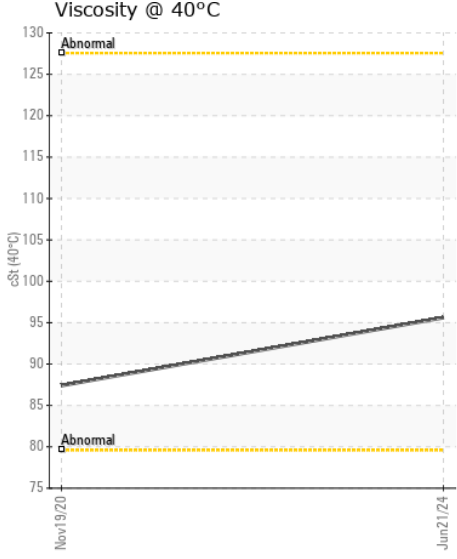
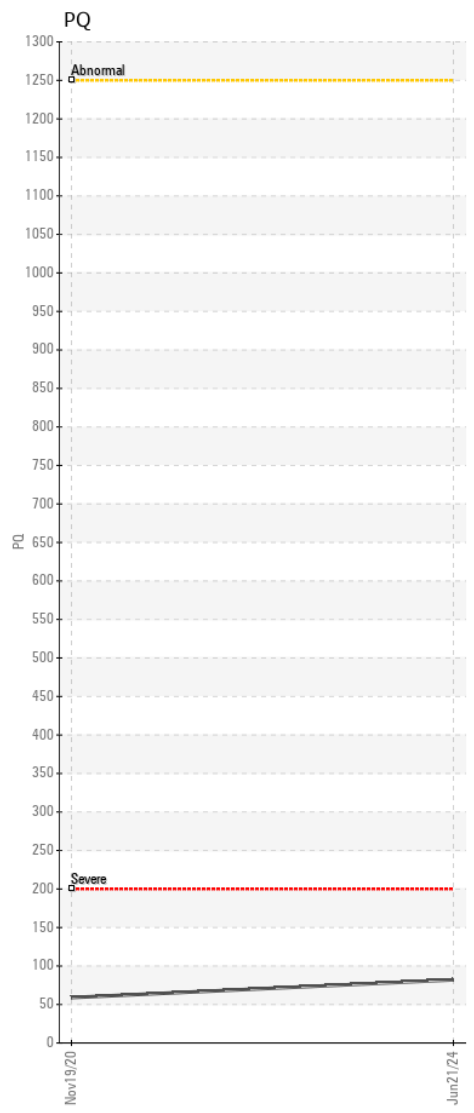
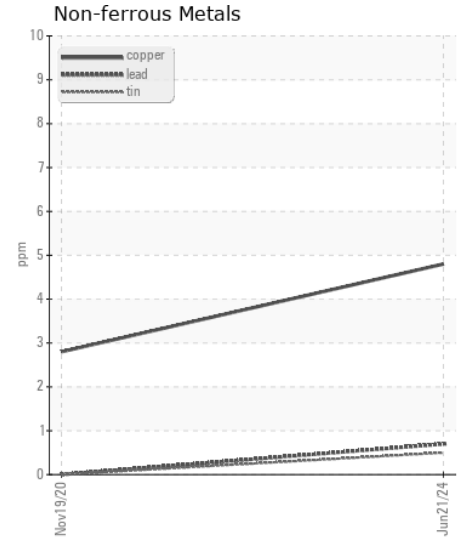
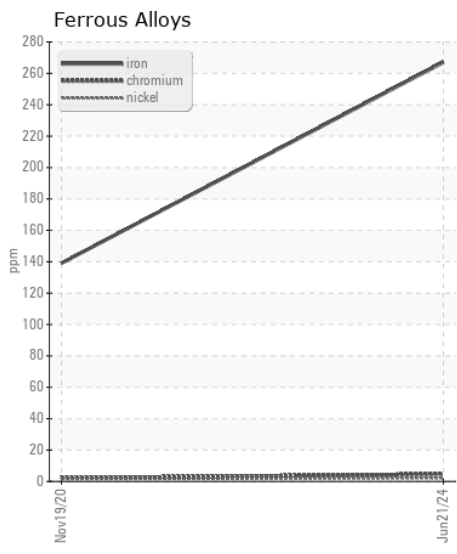
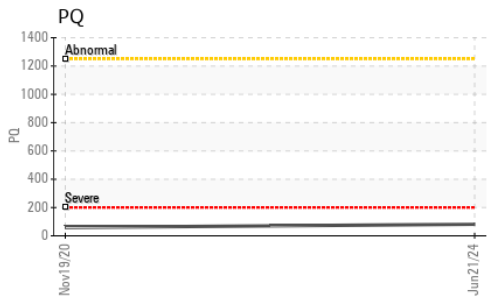
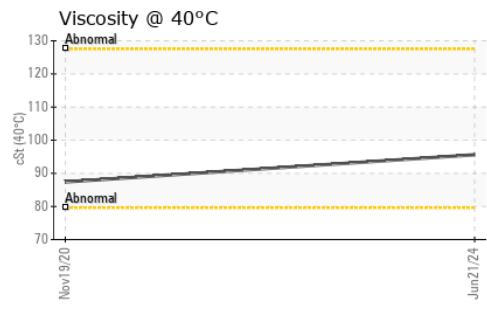
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	48	14	---
Potassium	ppm	ASTM D5185m	>20	5	5	---
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	<1	3	---
Boron	ppm	ASTM D5185m		15	15	---
Barium	ppm	ASTM D5185m		15	17	---
Molybdenum	ppm	ASTM D5185m		17	15	---
Manganese	ppm	ASTM D5185m		4	2	---
Magnesium	ppm	ASTM D5185m		11	11	---
Calcium	ppm	ASTM D5185m		3397	3997	---
Phosphorus	ppm	ASTM D5185m		549	557	---
Zinc	ppm	ASTM D5185m		715	711	---
Sulfur	ppm	ASTM D5185m		2986	2143	---
Visc @ 40°C	cSt	ASTM D445		95.6	87.4	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0213845 **Received** : 24 Jun 2024
Lab Number : 06218482 **Tested** : 25 Jun 2024
Unique Number : 11096679 **Diagnosed** : 25 Jun 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - GREENVILLE
 3604 HIGHWAY 264 E
 GREENVILLE, NC
 US 27834-5800

Contact: GREENVILLE SHOP
 christopher.martin@jamesriverequipment.com

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)