



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**JOHN DEERE 135G 1FF135GXPNF503422**

Component  
**Right Final Drive**

Fluid  
**GEAR OIL SAE 80W90 (--- GAL)**

### RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

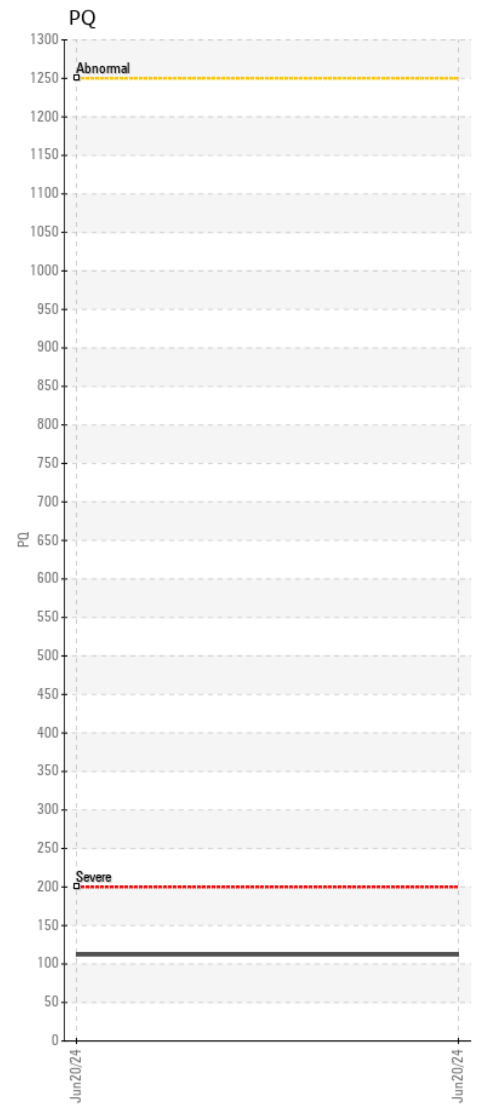
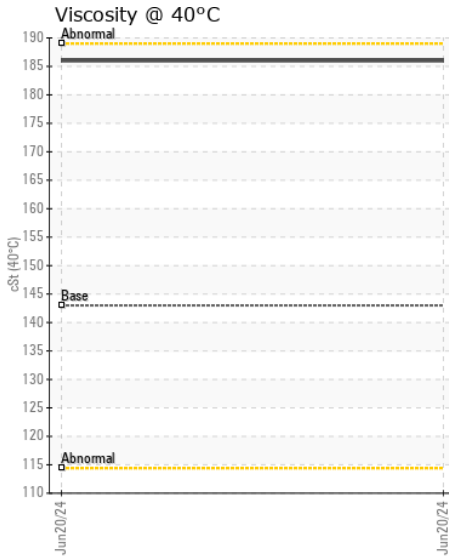
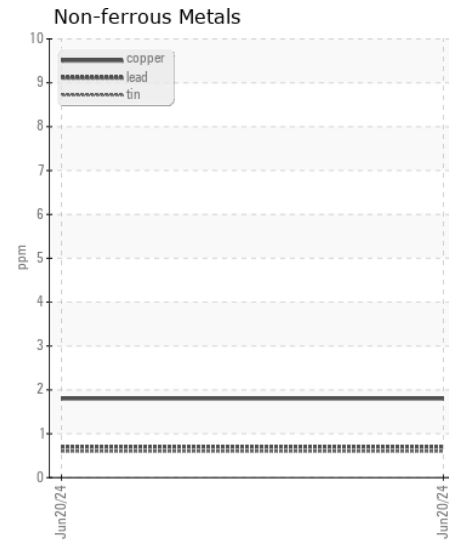
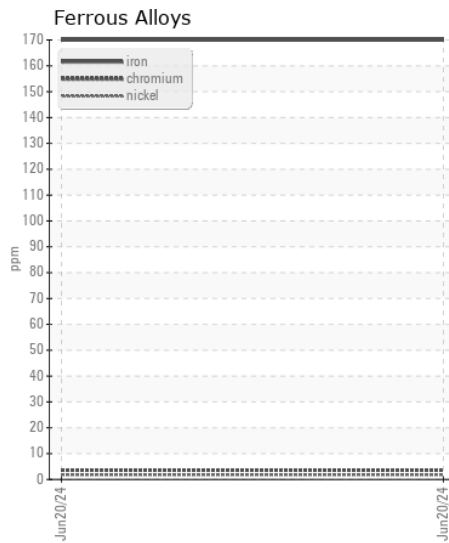
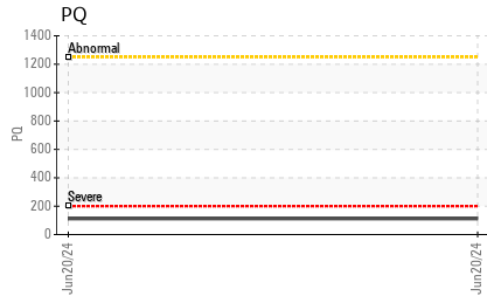
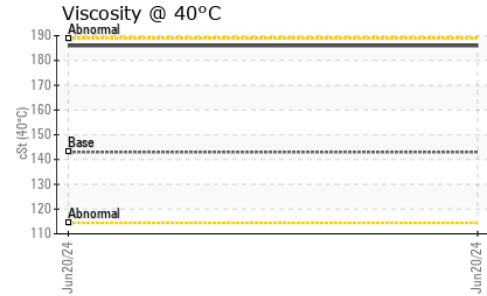
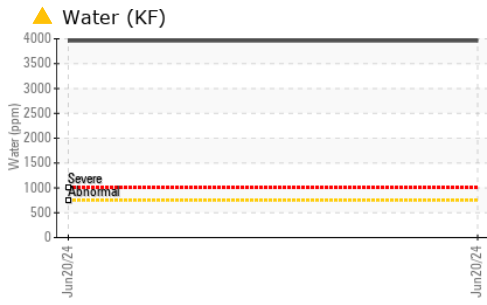
### CONTAMINATION

There is a moderate concentration of water present in the oil.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213999	---	---
Sample Date		Client Info		20 Jun 2024	---	---
Machine Age	hrs	Client Info		1003	---	---
Oil Age	hrs	Client Info		1003	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184	>1250	112	---	---
Iron	ppm	ASTM D5185m	>750	170	---	---
Chromium	ppm	ASTM D5185m	>9	4	---	---
Nickel	ppm	ASTM D5185m	>10	2	---	---
Titanium	ppm	ASTM D5185m		2	---	---
Silver	ppm	ASTM D5185m		<1	---	---
Aluminum	ppm	ASTM D5185m	>40	5	---	---
Lead	ppm	ASTM D5185m	>15	<1	---	---
Copper	ppm	ASTM D5185m	>40	2	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>75	46	---	---
Potassium	ppm	ASTM D5185m	>20	16	---	---
Water	%	ASTM D6304	>0.075	▲ 0.396	---	---
ppm Water	ppm	ASTM D6304	>750	▲ 3960	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.075	▲ 0.2%	---	---
Sodium	ppm	ASTM D5185m	>170	9	---	---
Boron	ppm	ASTM D5185m	400	59	---	---
Barium	ppm	ASTM D5185m	200	8	---	---
Molybdenum	ppm	ASTM D5185m	12	<1	---	---
Manganese	ppm	ASTM D5185m		4	---	---
Magnesium	ppm	ASTM D5185m	12	5	---	---
Calcium	ppm	ASTM D5185m	150	140	---	---
Phosphorus	ppm	ASTM D5185m	1650	536	---	---
Zinc	ppm	ASTM D5185m	125	62	---	---
Sulfur	ppm	ASTM D5185m	22500	15070	---	---
Visc @ 40°C	cSt	ASTM D445	143	186	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0213999 **Received** : 24 Jun 2024  
**Lab Number** : 06218498 **Tested** : 25 Jun 2024  
**Unique Number** : 11096695 **Diagnosed** : 25 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: KF, 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)

T:  
 F: