



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 130G 1FF130GXCNF043174
Component
Left 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		JR0209905	---	---
Sample Date		Client Info		15 May 2024	---	---
Machine Age	hrs	Client Info		434	---	---
Oil Age	hrs	Client Info		434	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	125	---	---
Iron	ppm	ASTM D5185m	>750	126	---	---
Chromium	ppm	ASTM D5185m	>9	3	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>40	<1	---	---
Lead	ppm	ASTM D5185m	>15	0	---	---
Copper	ppm	ASTM D5185m	>40	<1	---	---
Tin	ppm	ASTM D5185m	>10	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

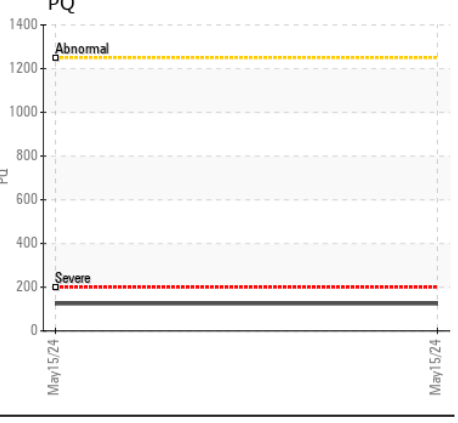
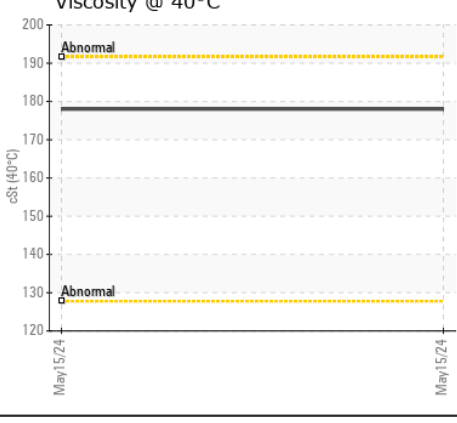
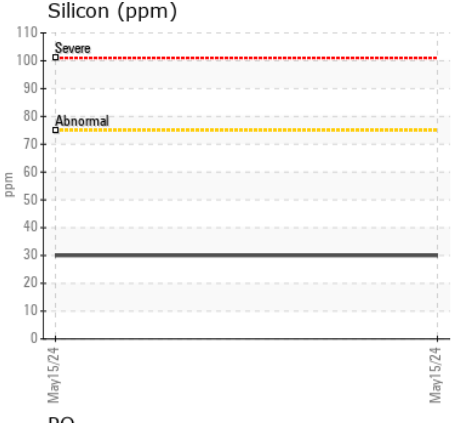
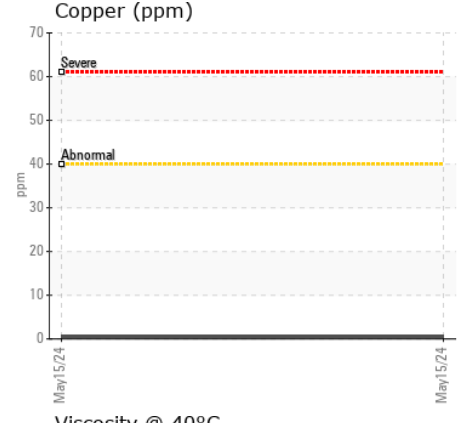
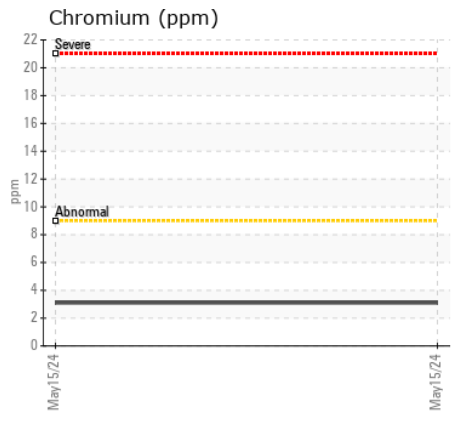
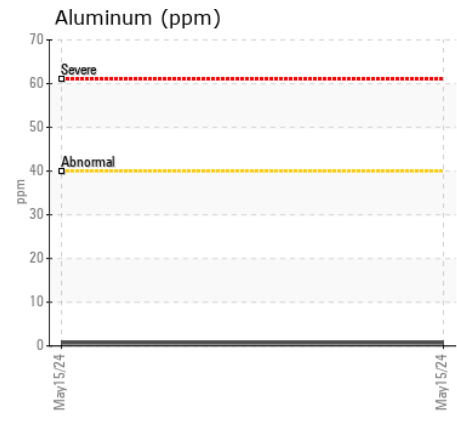
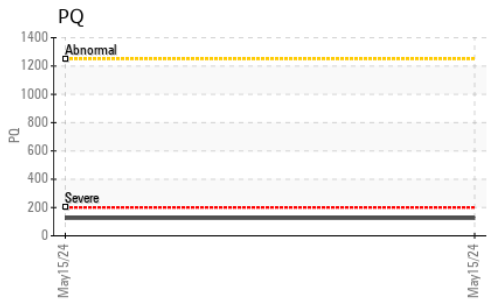
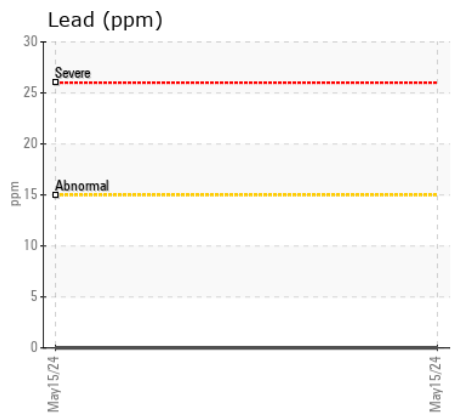
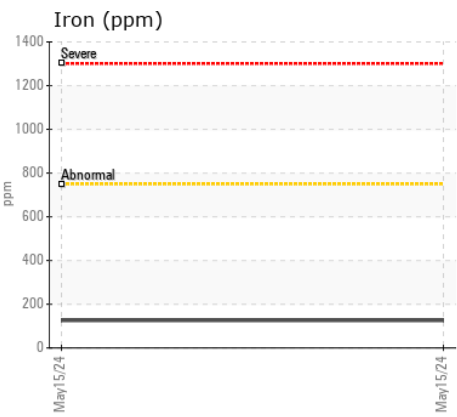
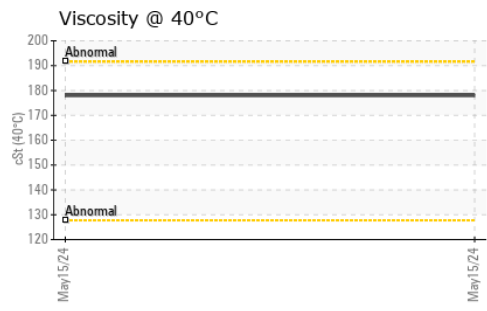
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	30	---	---
Potassium	ppm	ASTM D5185m	>20	3	---	---
Water		WC Method	>0.075	NEG	---	---
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	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	1	---	---
Boron	ppm	ASTM D5185m		60	---	---
Barium	ppm	ASTM D5185m		6	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m		<1	---	---
Calcium	ppm	ASTM D5185m		13	---	---
Phosphorus	ppm	ASTM D5185m		509	---	---
Zinc	ppm	ASTM D5185m		35	---	---
Sulfur	ppm	ASTM D5185m		17756	---	---
Visc @ 40°C	cSt	ASTM D445		178	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0209905 **Received** : 29 May 2024
Lab Number : 06194293 **Tested** : 30 May 2024
Unique Number : 11056416 **Diagnosed** : 31 May 2024 - Don Baldrige
Test Package : MOBCE (Additional Tests: PQ)

JRE - WILKESBORO
 288 WESTGATE DRIVE
 WILKESBORO, NC
 US 28697

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: BUTCH JANES
 bjanes@jamesriverequipment.com

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (336)973-8201
 F: (336)973-8496

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)