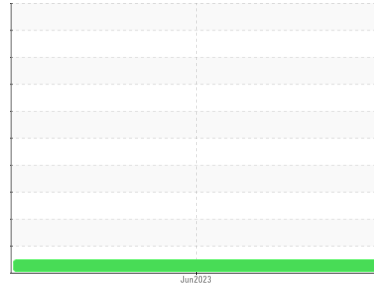


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

 Machine Id
JOHN DEERE 650K-II 1T0650KKAJF325406
 Component
Right Final Drive
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

DIAGNOSIS
Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		JR0175732	---	---
Sample Date	Client Info		21 Jun 2023	---	---
Machine Age	hrs	Client Info	704	---	---
Oil Age	hrs	Client Info	704	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	ASTM D8184	>1250	30	---	---
Iron	ppm	ASTM D5185m	>500	89	---
Chromium	ppm	ASTM D5185m	>10	4	---
Nickel	ppm	ASTM D5185m		<1	---
Titanium	ppm	ASTM D5185m		<1	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>25	8	---
Lead	ppm	ASTM D5185m	>25	<1	---
Copper	ppm	ASTM D5185m	>50	<1	---
Tin	ppm	ASTM D5185m	>10	<1	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	6	0	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	3	---
Manganese	ppm	ASTM D5185m		5	---
Magnesium	ppm	ASTM D5185m	145	104	---
Calcium	ppm	ASTM D5185m	3570	3613	---
Phosphorus	ppm	ASTM D5185m	1290	1082	---
Zinc	ppm	ASTM D5185m	1640	1346	---
Sulfur	ppm	ASTM D5185m		4737	---

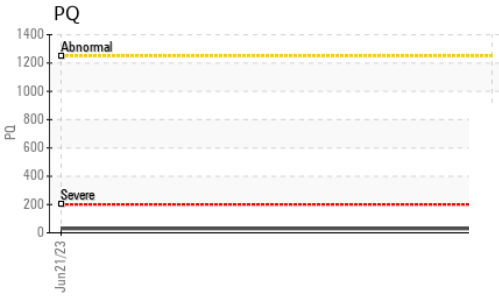
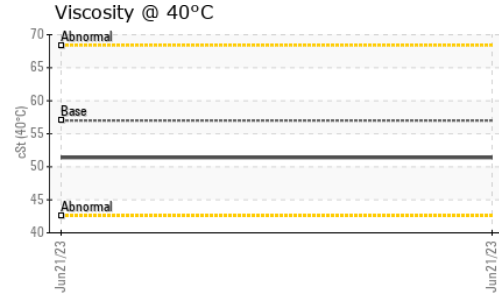
CONTAMINANTS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>75	24	---
Sodium	ppm	ASTM D5185m	>51	6	---
Potassium	ppm	ASTM D5185m	>20	16	---

VISUAL

	method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
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	---
Free Water	scalar	*Visual		NEG	---

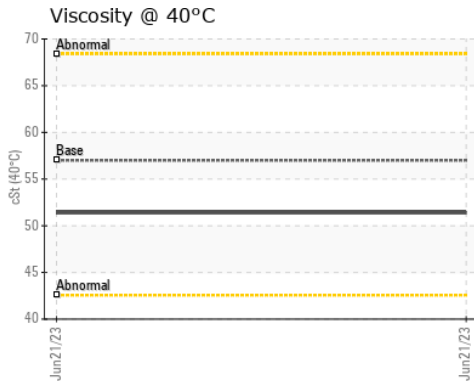
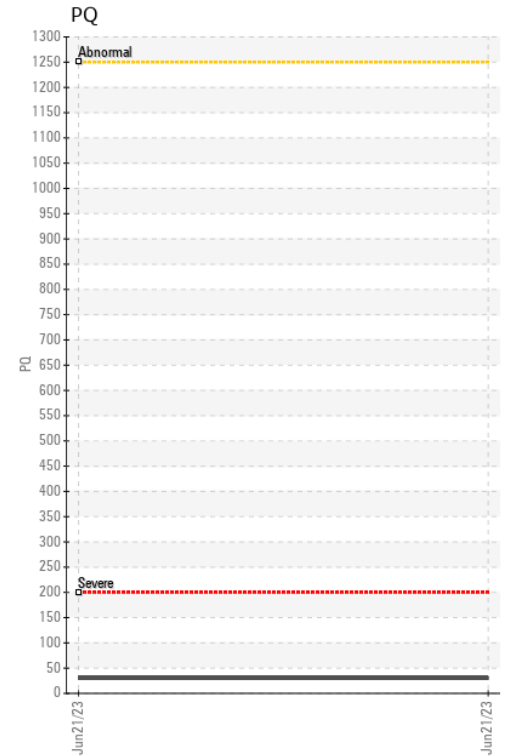
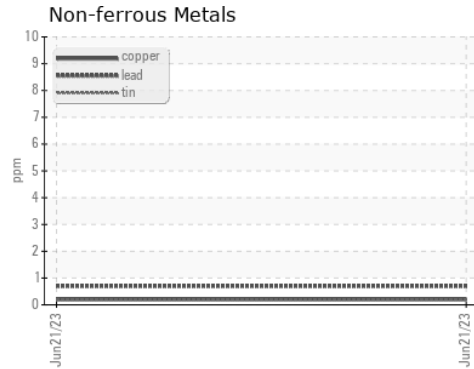
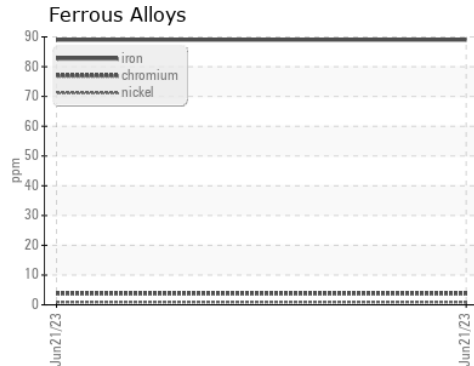
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt	ASTM D445	57.0	51.4	---	---

SAMPLE IMAGES	method	limit/base	current	history 1	history 2	
Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0175732 **Received** : 22 Jun 2023
Lab Number : **05881072** **Diagnosed** : 26 Jun 2023
Unique Number : 10526175 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - ASHEVILLE
 101 BRUCE ROAD
 ASHEVILLE, NC
 US 28806

Contact: JOEL PRICE
 jprice@jamesriverequipment.com

T: (528)667-0176
 F: (828)667-4865

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)