



OIL ANALYSIS REPORT

Sample Rating Trend

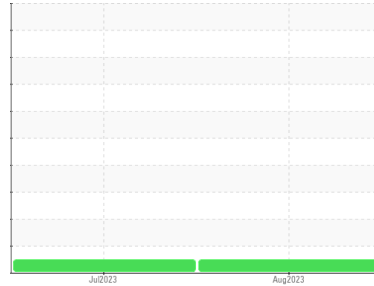
NORMAL



Machine Id
7013452 (S/N 1FF085GXKMJ022386)

Component
Left Final Drive

Fluid
JOHN DEERE GL-5 80W90 (--- 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	history1	history2
Sample Number	Client Info		JR0178671	JR0171035	---
Sample Date	Client Info		10 Aug 2023	17 Jul 2023	---
Machine Age	hrs	Client Info	1752	1718	---
Oil Age	hrs	Client Info	1752	1718	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		231	525	---
Iron	ppm	ASTM D5185m >500	338	436	---
Chromium	ppm	ASTM D5185m >10	4	5	---
Nickel	ppm	ASTM D5185m >10	1	2	---
Titanium	ppm	ASTM D5185m	2	2	---
Silver	ppm	ASTM D5185m	<1	0	---
Aluminum	ppm	ASTM D5185m >25	2	4	---
Lead	ppm	ASTM D5185m >25	<1	0	---
Copper	ppm	ASTM D5185m >50	2	2	---
Tin	ppm	ASTM D5185m >10	0	0	---
Vanadium	ppm	ASTM D5185m	0	<1	---
Cadmium	ppm	ASTM D5185m	0	<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	56	78	---
Barium	ppm	ASTM D5185m	78	81	---
Molybdenum	ppm	ASTM D5185m	<1	0	---
Manganese	ppm	ASTM D5185m	5	6	---
Magnesium	ppm	ASTM D5185m	1	2	---
Calcium	ppm	ASTM D5185m	30	73	---
Phosphorus	ppm	ASTM D5185m	458	511	---
Zinc	ppm	ASTM D5185m	74	85	---
Sulfur	ppm	ASTM D5185m	15094	16624	---

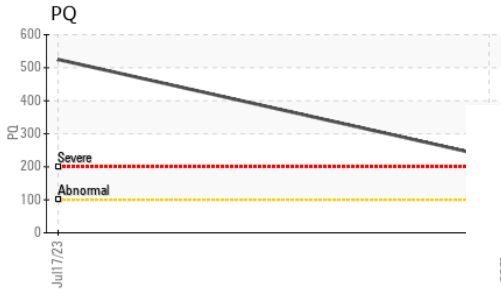
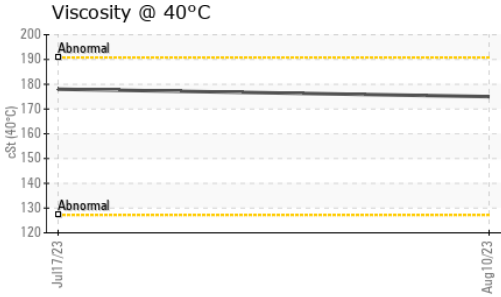
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	16	19	---
Sodium	ppm	ASTM D5185m	0	3	---
Potassium	ppm	ASTM D5185m >20	2	0	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	HEAVY	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	MODER	---
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 >0.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

OIL ANALYSIS REPORT



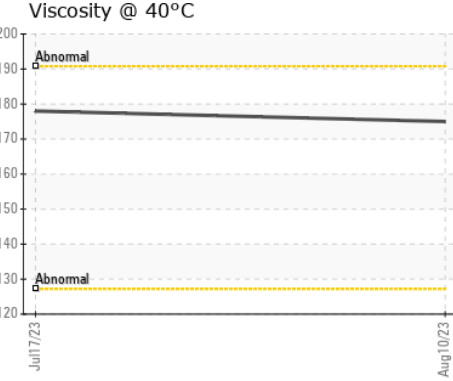
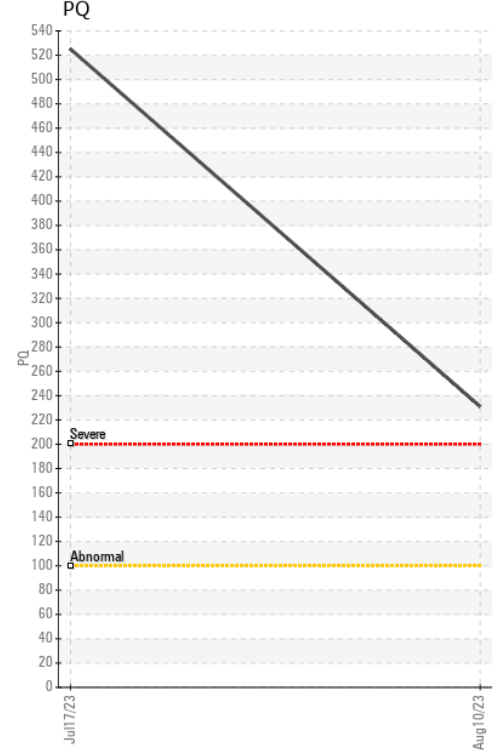
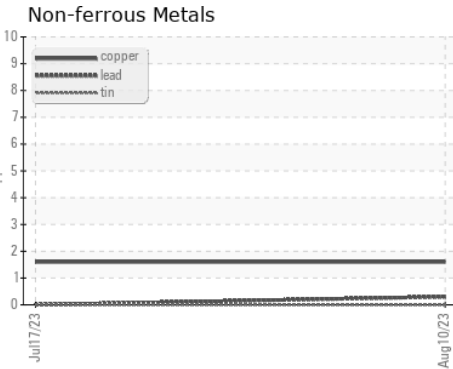
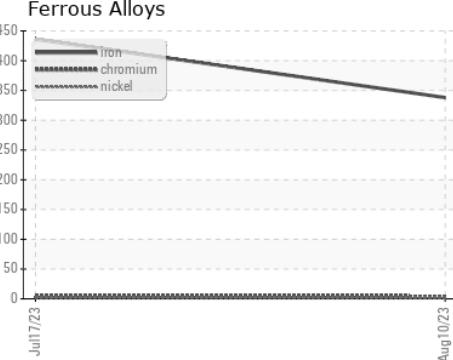
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	175	178	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image	no image	no image
Bottom	no image	no image	no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0178671 **Received** : 14 Aug 2023
Lab Number : 05923664 **Diagnosed** : 15 Aug 2023
Unique Number : 10603611 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269
 Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com
 T: (704)597-0211
 F: (704)596-6198

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)