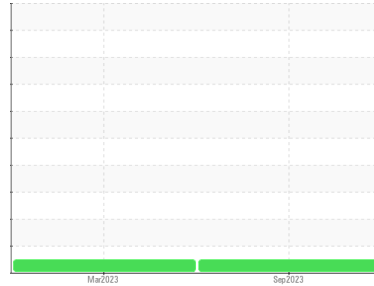


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

 Machine Id
JOHN DEERE 524 P 1DW524PAHNLZ15393

 Component
Rear Differential
 Fluid
NOT GIVEN (--- GAL)
DIAGNOSIS
Recommendation

Resample at the next service interval to monitor.
Please specify the brand, type, and viscosity of the oil on your next sample.

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		JR0179961	JR0163871	---
Sample Date	Client Info		27 Sep 2023	10 Mar 2023	---
Machine Age	hrs	Client Info	1068	530	---
Oil Age	hrs	Client Info	1068	530	---
Oil Changed	Client Info		Not Chngd	Changed	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		70	74	---
Iron	ppm	ASTM D5185m >500	168	127	---
Chromium	ppm	ASTM D5185m >10	1	1	---
Nickel	ppm	ASTM D5185m >10	1	<1	---
Titanium	ppm	ASTM D5185m	<1	<1	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	3	2	---
Lead	ppm	ASTM D5185m >25	8	7	---
Copper	ppm	ASTM D5185m >100	10	16	---
Tin	ppm	ASTM D5185m >10	<1	1	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	3	1	---
Barium	ppm	ASTM D5185m	3	4	---
Molybdenum	ppm	ASTM D5185m	2	2	---
Manganese	ppm	ASTM D5185m	5	6	---
Magnesium	ppm	ASTM D5185m	102	92	---
Calcium	ppm	ASTM D5185m	3433	3326	---
Phosphorus	ppm	ASTM D5185m	1044	939	---
Zinc	ppm	ASTM D5185m	1230	1205	---
Sulfur	ppm	ASTM D5185m	3992	4017	---

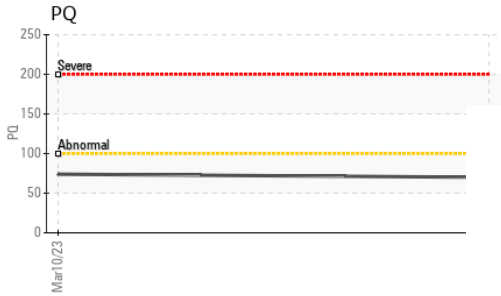
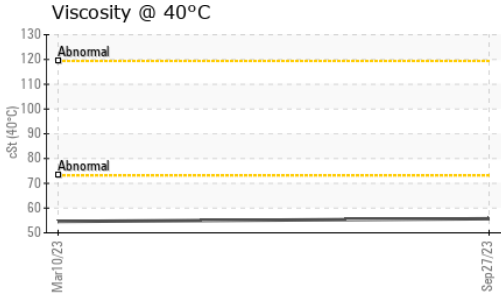
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	15	14	---
Sodium	ppm	ASTM D5185m	3	6	---
Potassium	ppm	ASTM D5185m >20	2	3	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
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 >.2	NEG	NEG	---
Free Water	scalar	*Visual	NEG	NEG	---

OIL ANALYSIS REPORT



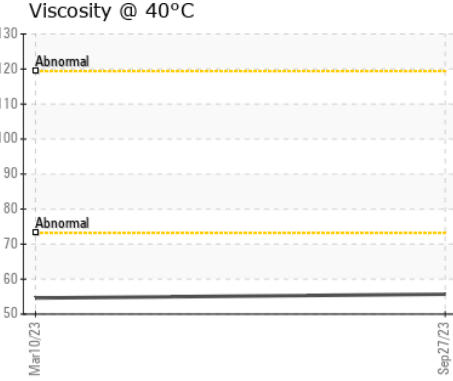
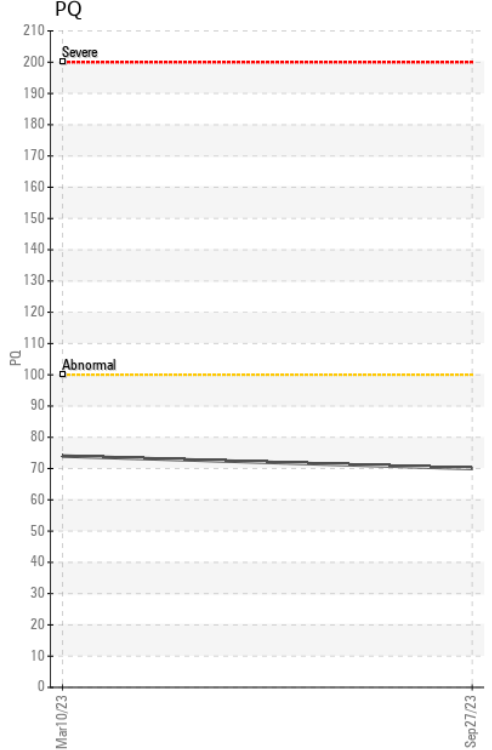
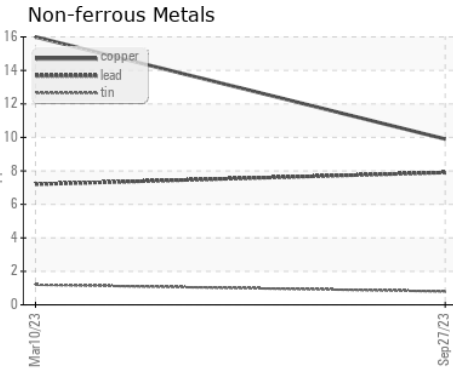
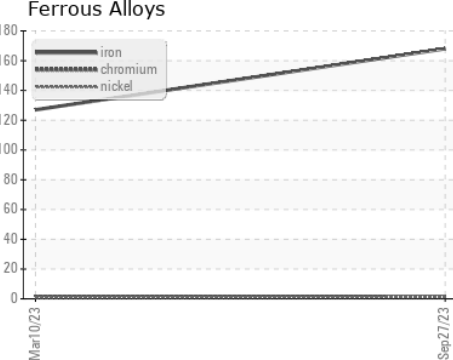
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	55.7	54.6	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	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. : JR0179961 **Received** : 28 Sep 2023
Lab Number : **05963705** **Diagnosed** : 29 Sep 2023
Unique Number : 10670256 **Diagnostician** : Sean Felton
Test Package : CONST (Additional Tests: PQ)

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)

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 T: (804)798-6001
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