



WEAR	SEVERE
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W49854]

Machine Id

JOHN DEERE 1DW768LBHMF712696

Component

Brake

Fluid

{not provided} (--- GAL)

RECOMMENDATION

The fluid change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0128390	---	---
Sample Date		Client Info		01 Sep 2022	---	---
Machine Age	hrs	Client Info		1004	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---

WEAR

The aluminum level is severe. The iron level is abnormal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		284	---	---
Iron	ppm	ASTM D5185m	>350	626	---	---
Chromium	ppm	ASTM D5185m	>5	1	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>8	556	---	---
Lead	ppm	ASTM D5185m	>10	9	---	---
Copper	ppm	ASTM D5185m	>150	2	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

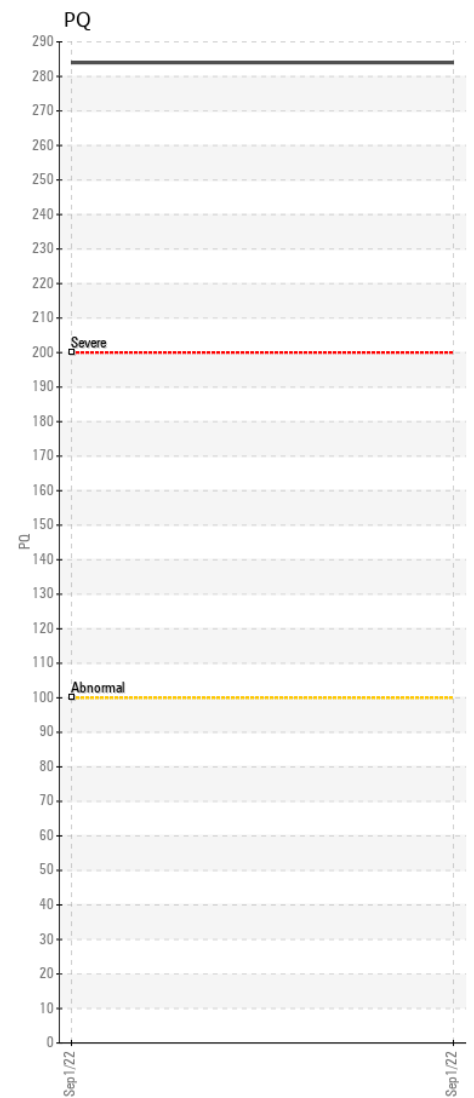
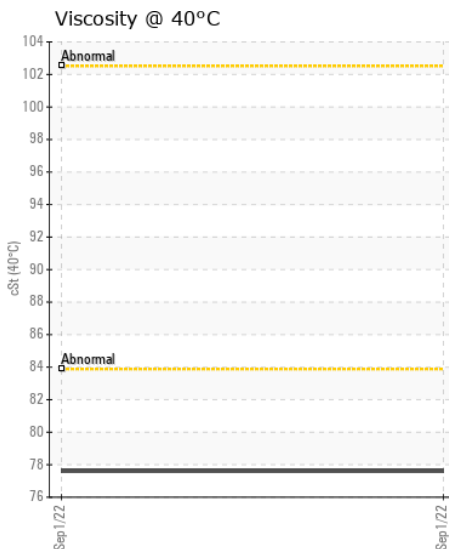
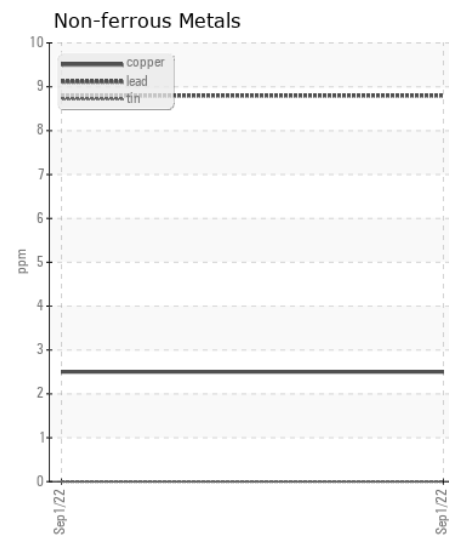
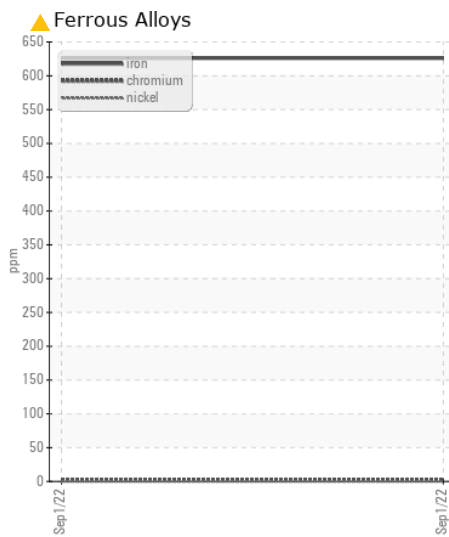
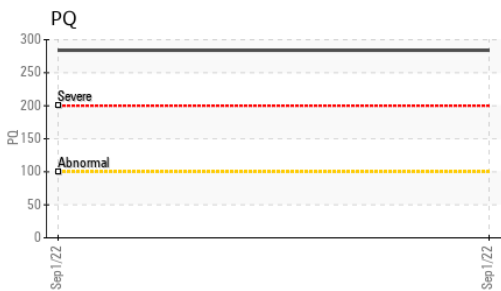
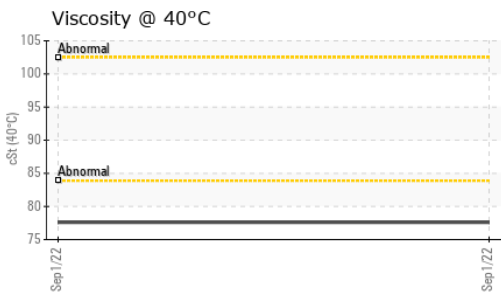
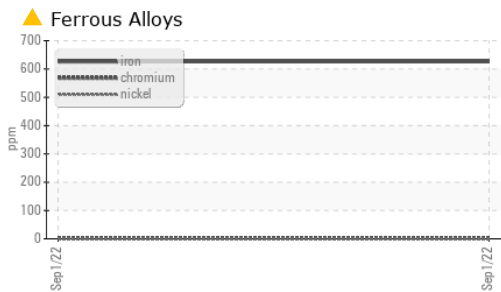
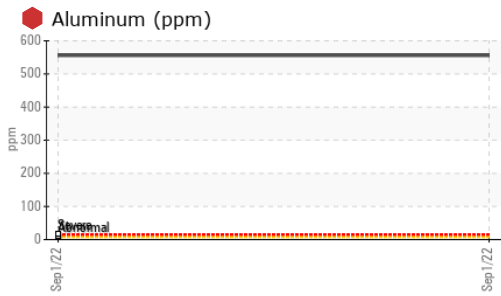
There is no indication of any contamination in the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>400	380	---	---
Potassium	ppm	ASTM D5185m	>20	9	---	---
Water		WC Method	>0.2	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	>0.2	NEG	---	---

FLUID CONDITION

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		34	---	---
Boron	ppm	ASTM D5185m		80	---	---
Barium	ppm	ASTM D5185m		139	---	---
Molybdenum	ppm	ASTM D5185m		322	---	---
Manganese	ppm	ASTM D5185m		5	---	---
Magnesium	ppm	ASTM D5185m		246	---	---
Calcium	ppm	ASTM D5185m		1233	---	---
Phosphorus	ppm	ASTM D5185m		716	---	---
Zinc	ppm	ASTM D5185m		687	---	---
Sulfur	ppm	ASTM D5185m		2373	---	---
Visc @ 40°C	cSt	ASTM D445		77.6	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0128390 **Received** : 06 Sep 2022
Lab Number : 05634568 **Diagnosed** : 07 Sep 2022
Unique Number : 10124098 **Diagnostician** : Don Baldrige
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)

WOOD HARVEST
 PO BOX 2165
 MONROE, NC
 US 28111
 Contact: CHRIS
 CHRIS@WOODHARVEST.COM
 T:
 F: (704)289-9824