

PROBLEM SUMMARY

Sample Rating Trend



ISO



Machine Id
BOLLEGRAFF FIBER BAILER

Component
Hydraulic System

Fluid
MOBIL HYDRAULIC OIL AW 68 (--- QTS)

COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status			ABNORMAL	---	---
Particles >4µm	ASTM D7647	>5000	▲ 27938	---	---
Particles >6µm	ASTM D7647	>1300	▲ 8973	---	---
Particles >14µm	ASTM D7647	>160	▲ 739	---	---
Particles >21µm	ASTM D7647	>40	▲ 160	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 22/20/17	---	---

Customer Id: MECCHA
Sample No.: JR0188551
Lab Number: 06000404
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

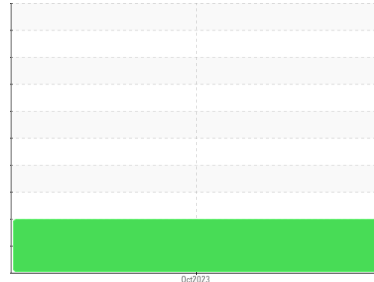
RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend


ISO

 Machine Id
BOLLEGRAFF FIBER BAILER

 Component
Hydraulic System

 Fluid
MOBIL HYDRAULIC OIL AW 68 (--- QTS)
DIAGNOSIS
▲ Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oils additive package is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		JR0188551	---	---
Sample Date	Client Info		27 Oct 2023	---	---
Machine Age	hrs	Client Info	13592	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		16	---	---
Iron	ppm	ASTM D5185m >20	0	---	---
Chromium	ppm	ASTM D5185m >10	<1	---	---
Nickel	ppm	ASTM D5185m >10	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >10	0	---	---
Lead	ppm	ASTM D5185m >10	7	---	---
Copper	ppm	ASTM D5185m >75	6	---	---
Tin	ppm	ASTM D5185m >10	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	0	---	---
Magnesium	ppm	ASTM D5185m	0	---	---
Calcium	ppm	ASTM D5185m	50	---	---
Phosphorus	ppm	ASTM D5185m	336	---	---
Zinc	ppm	ASTM D5185m	411	---	---
Sulfur	ppm	ASTM D5185m	4919	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<1	---	---
Sodium	ppm	ASTM D5185m	0	---	---
Potassium	ppm	ASTM D5185m >20	0	---	---

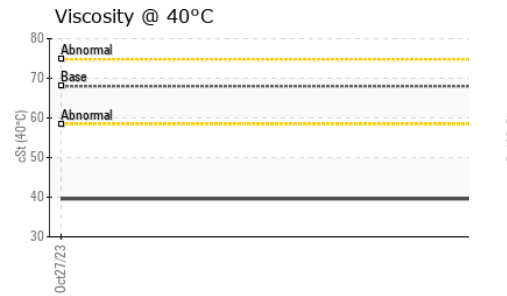
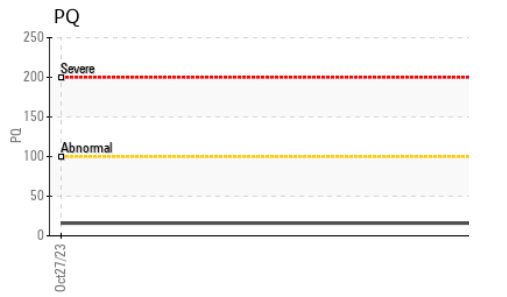
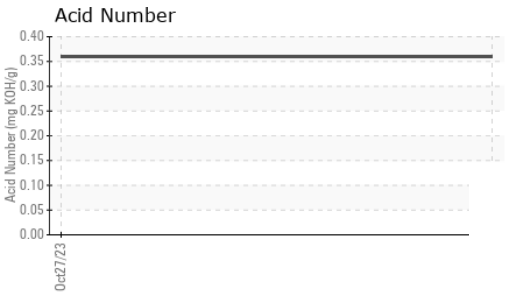
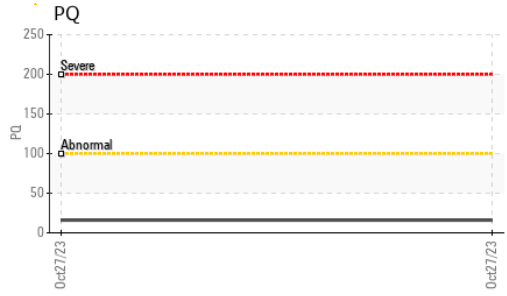
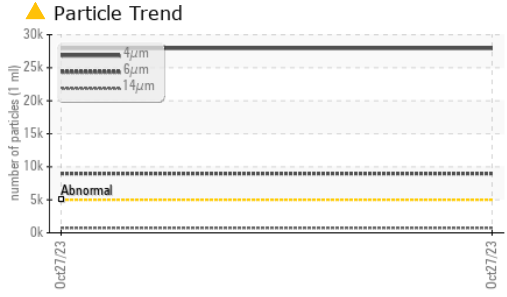
FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	▲ 27938	---	---
Particles >6µm	ASTM D7647	>1300	▲ 8973	---	---
Particles >14µm	ASTM D7647	>160	▲ 739	---	---
Particles >21µm	ASTM D7647	>40	▲ 160	---	---
Particles >38µm	ASTM D7647	>10	2	---	---
Particles >71µm	ASTM D7647	>3	0	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 22/20/17	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.36	---	---

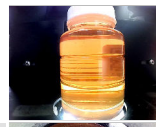

OIL ANALYSIS REPORT



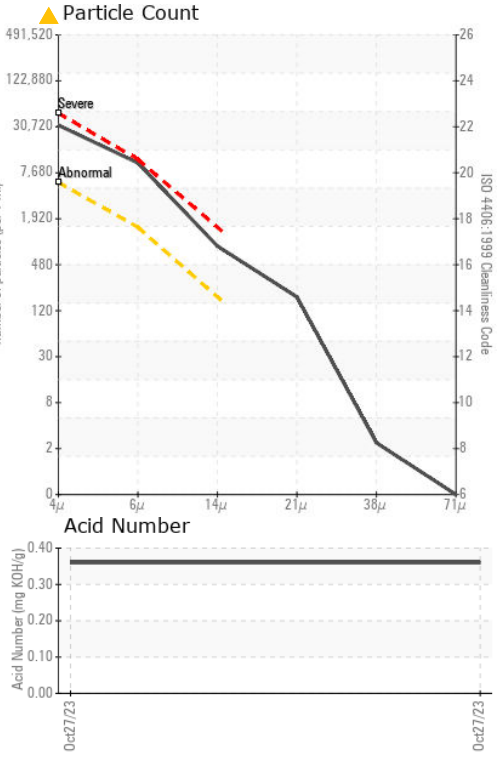
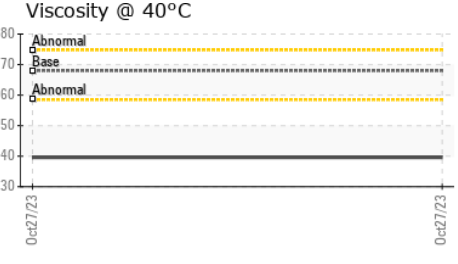
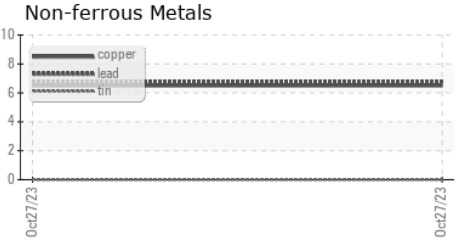
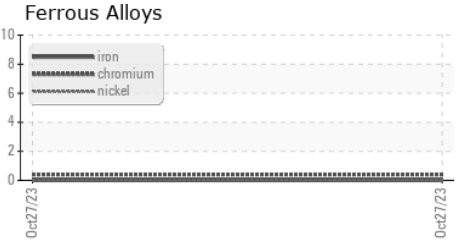
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 68	39.6	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0188551 **Received** : 07 Nov 2023
Lab Number : 06000404 **Diagnosed** : 09 Nov 2023
Unique Number : 10728764 **Diagnostician** : Jonathan Hester
Test Package : CONST (Additional Tests: PQ)

MECKLENBURG COUNTY
 8007 PENCE RD
 CHARLOTTE, NC
 US 28215
 Contact: DOYLE TYSON
 WALTER.TYSON@MECKLENBURGCOUNTYNC.GOV
 T:
 F: (704)587-0748

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)