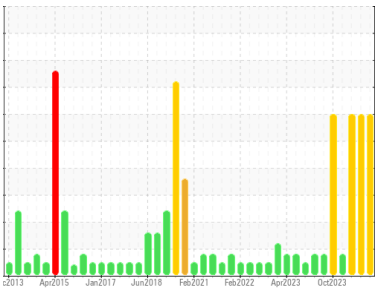
PROBLEM SUMMARY

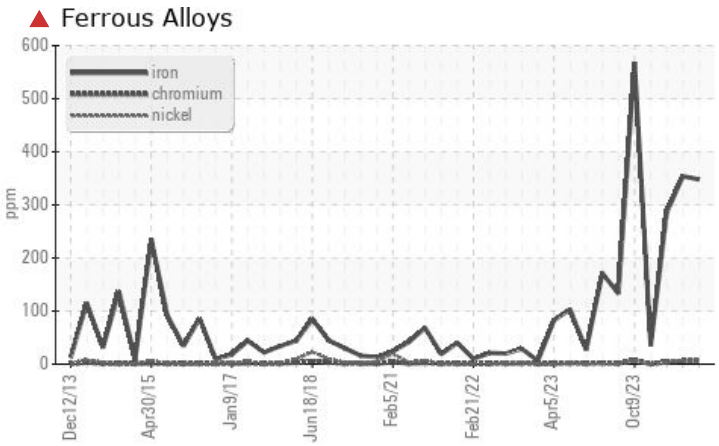
Area
BLEACH O2
Machine Id
BX060 POST02 PRESS SW (S/N 0661-03-02-040-040-040)
Component
Bearing
Fluid
Bearing Oil (4 GAL)

Sample Rating Trend



WEAR

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				**SEVERE**	SEVERE	SEVERE
Iron	ppm	ASTM D5185m	>20	▲ **348**	▲ 354	▲ 286

Customer Id: INTRIERP
Sample No.: WC0920569
Lab Number: 06159272
Test Package: IND 2

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
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

WEAR

25 Jan 2024 Diag: Don Baldridge
We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.The iron level has decreased, but is still abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid.

view report

WEAR

18 Dec 2023 Diag: Angela Borella
We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.The iron level is severe. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid.

view report

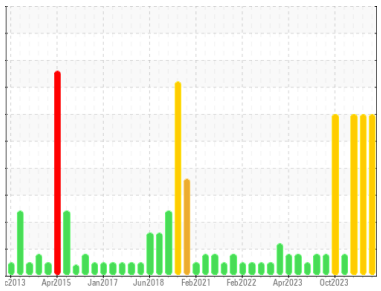
WEAR

01 Nov 2023 Diag: Don Baldridge
No corrective action is recommended at this time. Resample at the next service interval to monitor.The iron level has decreased, but is still abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Area
BLEACH O2
Machine Id
BX060 POST02 PRESS SW (S/N 0661-03-02-040-040-040)
Component
Bearing
Fluid
Bearing Oil (4 GAL)

DIAGNOSIS

▲ Recommendation
We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

▲ Wear
The iron level is severe. All other component wear rates are normal.

Contamination
There is no indication of any contamination in the oil.

Fluid Condition
The AN level is acceptable for this fluid.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0920569**	WC0851744	WC0851753
Sample Date		Client Info		**22 Apr 2024**	25 Jan 2024	18 Dec 2023
Machine Age	mls	Client Info		**0**	0	0
Oil Age	mls	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**SEVERE**	SEVERE	SEVERE

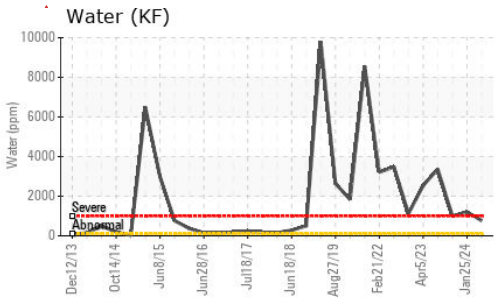
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	▲ **348**	▲ 354	▲ 286
Chromium	ppm	ASTM D5185m	>20	**6**	6	4
Nickel	ppm	ASTM D5185m	>20	**9**	6	3
Titanium	ppm	ASTM D5185m		**<1**	<1	0
Silver	ppm	ASTM D5185m		**0**	0	0
Aluminum	ppm	ASTM D5185m	>20	**2**	1	<1
Lead	ppm	ASTM D5185m	>20	**<1**	0	0
Copper	ppm	ASTM D5185m	>20	**1**	<1	<1
Tin	ppm	ASTM D5185m	>20	**<1**	<1	<1
Vanadium	ppm	ASTM D5185m		**<1**	<1	0
Cadmium	ppm	ASTM D5185m		**<1**	<1	0

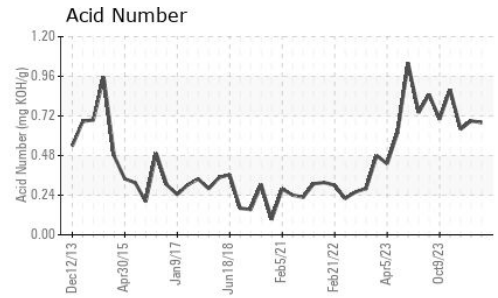
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**0**	0	0
Barium	ppm	ASTM D5185m		**0**	0	0
Molybdenum	ppm	ASTM D5185m		**<1**	<1	0
Manganese	ppm	ASTM D5185m		**3**	4	3
Magnesium	ppm	ASTM D5185m		**<1**	<1	1
Calcium	ppm	ASTM D5185m		**8**	0	1
Phosphorus	ppm	ASTM D5185m		**562**	462	545
Zinc	ppm	ASTM D5185m		**3**	0	0
Sulfur	ppm	ASTM D5185m		**16978**	13404	15922

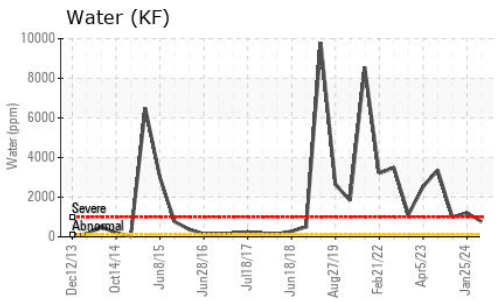
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	**11**	9	10
Sodium	ppm	ASTM D5185m		**9**	2	2
Potassium	ppm	ASTM D5185m	>20	**<1**	1	1
Water	%	ASTM D6304	>2	**0.077**	0.120	0.100
ppm Water	ppm	ASTM D6304		**770**	1200	1000

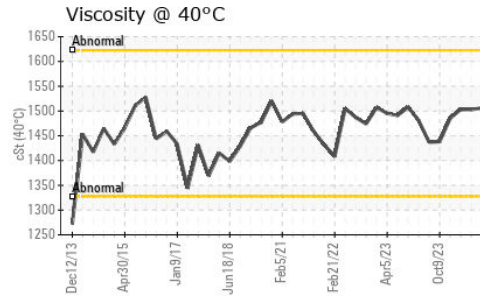
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		**0.68**	0.69	0.64

OIL ANALYSIS REPORT







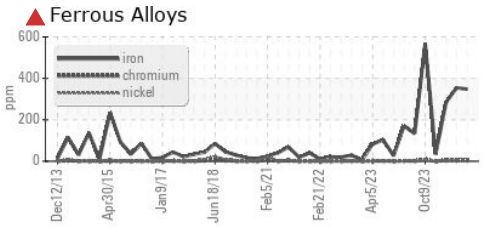


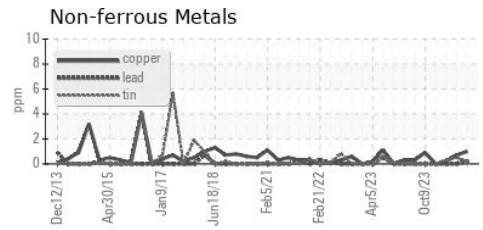
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	LIGHT	LIGHT
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Appearance	scalar	*Visual	NORML	**NORML**	NORML	NORML
Odor	scalar	*Visual	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	*Visual	>2	**0.2%**	0.2%	0.2%
Free Water	scalar	*Visual		**NEG**	NEG	NEG

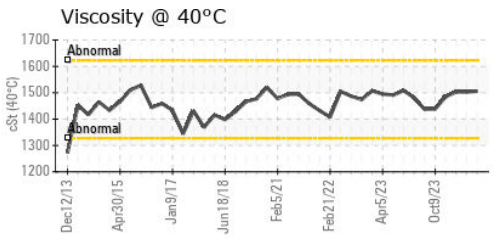
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		**1506**	1503	1503

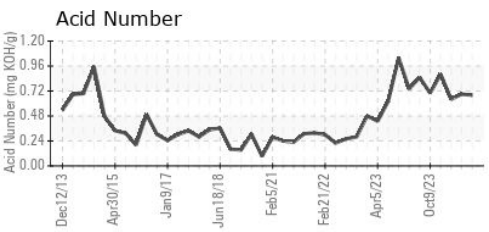
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS









Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0920569 **Received** : 24 Apr 2024
Lab Number : 06159272 **Tested** : 25 Apr 2024
Unique Number : 10994695 **Diagnosed** : 26 Apr 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF)

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)

INTERNATIONAL PAPER
865 JOHN L REGEL RD
RIEGELWOOD, NC
US 28456
Contact: Zach Lizana
zachary.lizana@ipaper.com
T: (910)362-4775
F:

Report Id: INTRIERP [WUSCAR] 06159272 (Generated: 04/26/2024 10:22:29) Rev: 1

Submitted By: SCOTT BORDEAUX