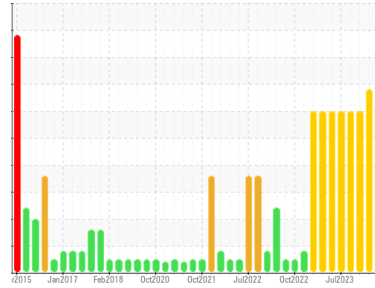




PROBLEM SUMMARY

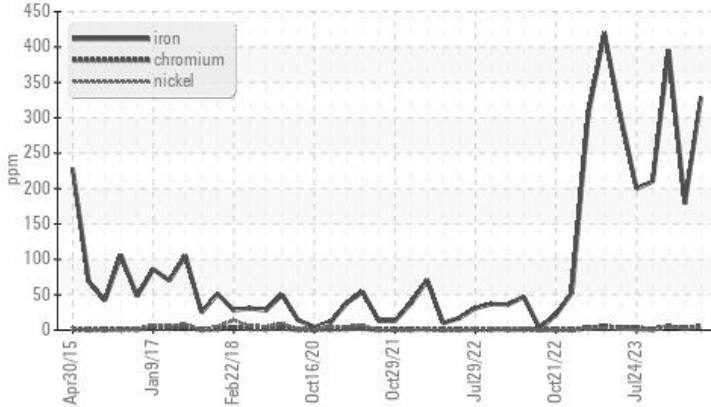
Area
BLEACH O2
 Machine Id
BX060 POST 02 PRESS NW (S/N 0661-03-02-040-040)
 Component
Bearing
 Fluid
Bearing Oil (4 GAL)

Sample Rating Trend



COMPONENT CONDITION SUMMARY

Ferrous Alloys



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	329	179	395
Debris	scalar	*Visual	NONE	MODER	NONE	NONE

Customer Id: INTRIERP
 Sample No.: WC0851742
 Lab Number: 06076391
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

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

18 Dec 2023 Diag: Angela Borella

WEAR



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 a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid.

[view report](#)



09 Oct 2023 Diag: Doug Bogart

WEAR



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](#)



17 Aug 2023 Diag: Don Baldrige

WEAR



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.

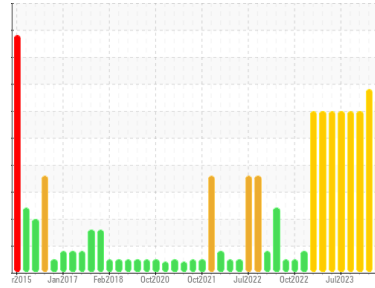
[view report](#)





OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
BLEACH O2
 Machine Id
BX060 POST 02 PRESS NW (S/N 0661-03-02-040-040)
 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.

Contamination

Moderate concentration of visible dirt/debris present 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		WC0851742	WC0851750	WC0760575
Sample Date	Client Info		25 Jan 2024	18 Dec 2023	09 Oct 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	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	329	179	395
Chromium	ppm	ASTM D5185m >20	5	3	5
Nickel	ppm	ASTM D5185m >20	3	2	4
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >20	<1	<1	0
Lead	ppm	ASTM D5185m >20	0	0	0
Copper	ppm	ASTM D5185m >20	<1	0	<1
Tin	ppm	ASTM D5185m >20	<1	<1	0
Vanadium	ppm	ASTM D5185m	<1	0	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	0	<1
Manganese	ppm	ASTM D5185m	4	2	4
Magnesium	ppm	ASTM D5185m	0	2	0
Calcium	ppm	ASTM D5185m	1	3	2
Phosphorus	ppm	ASTM D5185m	411	501	519
Zinc	ppm	ASTM D5185m	0	3	4
Sulfur	ppm	ASTM D5185m	12771	15866	17948

CONTAMINANTS

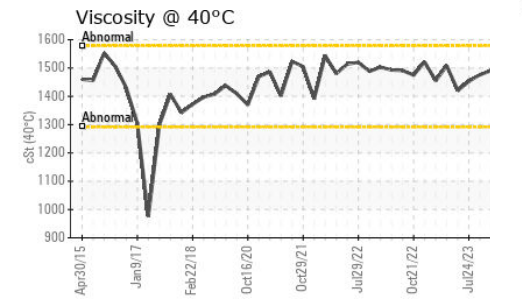
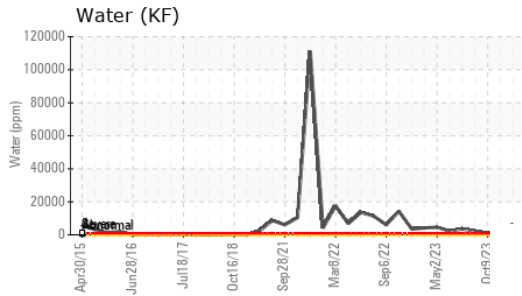
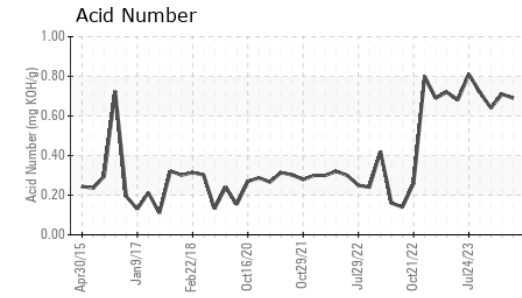
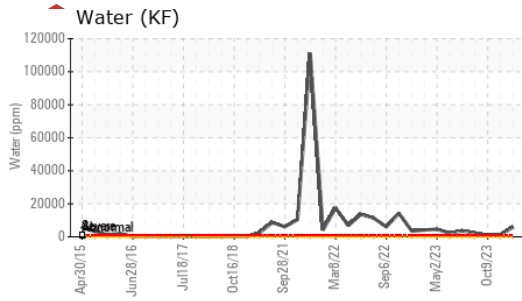
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	10	9	12
Sodium	ppm	ASTM D5185m	13	10	9
Potassium	ppm	ASTM D5185m >20	2	2	<1
Water	%	ASTM D6304 >2	0.580	0.138	0.091
ppm Water	ppm	ASTM D6304	5800	1380	910

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.69	0.71	0.64



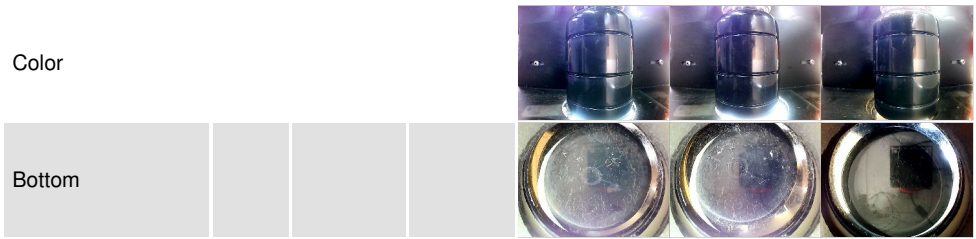
OIL ANALYSIS REPORT



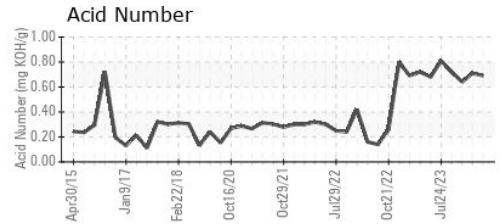
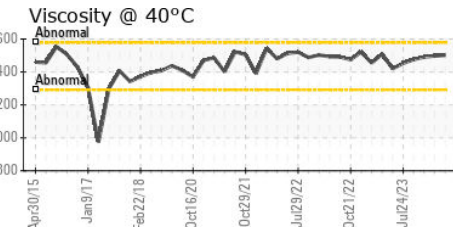
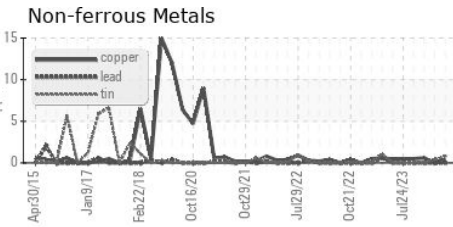
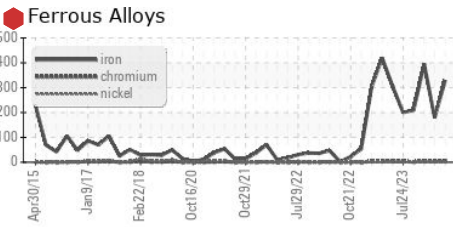
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	▲ MODER	NONE
Debris	scalar	*Visual	▲ MODER	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2	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	1502	1497	1491

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : WC0851742 Recieved : 31 Jan 2024
 Lab Number : 06076391 Diagnosed : 02 Feb 2024
 Unique Number : 10858482 Diagnostician : Don Baldrige
 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

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