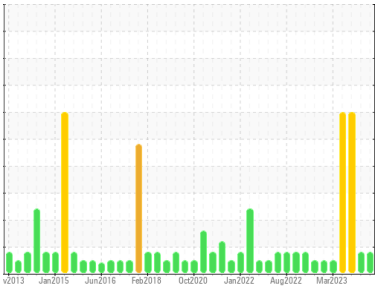
PROBLEM SUMMARY

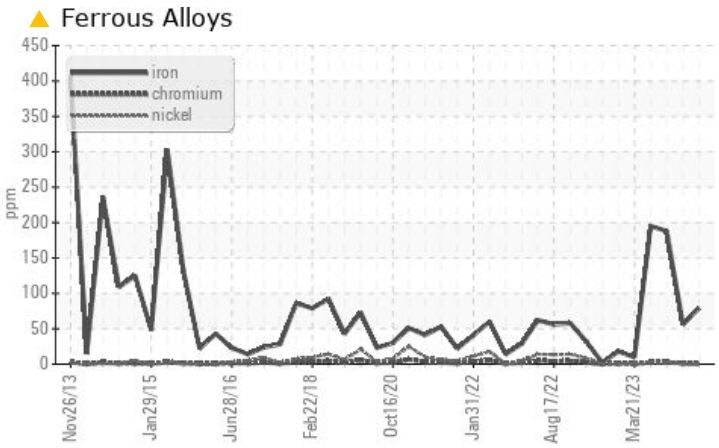
Area
BLEACH O2
Machine Id
METSO BX025 PRE02 PRESS NE (S/N 0661-03-02-040-040-090)
Component
Bearing
Fluid
NOT GIVEN (4 GAL)

Sample Rating Trend



WEAR

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				**ABNORMAL**	ABNORMAL	SEVERE
Iron	ppm	ASTM D5185m	>20	▲ **79**	▲ 56	⬢ 188

Customer Id: INTRIERP
Sample No.: WC0760566
Lab Number: 05932881
Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldridge +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
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

24 Jul 2023 Diag: Doug Bogart

WEAR

We recommend an early resample to monitor this condition.The iron level is 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

30 May 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 is severe. 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

02 May 2023 Diag: Doug Bogart

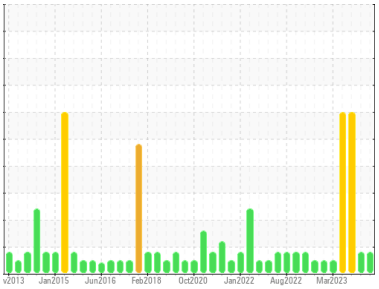
WEAR

No corrective action is recommended at this time. 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. The condition of the oil is suitable for further service.

view report

OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Area
BLEACH O2
Machine Id
METSO BX025 PRE02 PRESS NE (S/N 0661-03-02-040-040-090)
Component
Bearing
Fluid
NOT GIVEN (4 GAL)

DIAGNOSIS

Recommendation
We recommend an early resample to monitor this condition.

Wear
The iron level is abnormal. 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		**WC0760566**	WC0760589	WC0760561
Sample Date		Client Info		**17 Aug 2023**	24 Jul 2023	30 May 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				**ABNORMAL**	ABNORMAL	SEVERE

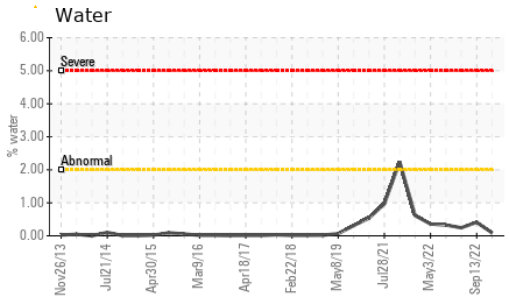
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	▲ **79**	▲ 56	⬢ 188
Chromium	ppm	ASTM D5185m	>20	**<1**	1	3
Nickel	ppm	ASTM D5185m	>20	**<1**	<1	2
Titanium	ppm	ASTM D5185m		**0**	<1	0
Silver	ppm	ASTM D5185m		**0**	0	0
Aluminum	ppm	ASTM D5185m	>20	**<1**	<1	0
Lead	ppm	ASTM D5185m	>20	**0**	0	<1
Copper	ppm	ASTM D5185m	>20	**<1**	1	3
Tin	ppm	ASTM D5185m	>20	**0**	0	0
Vanadium	ppm	ASTM D5185m		**<1**	<1	0
Cadmium	ppm	ASTM D5185m		**<1**	0	0

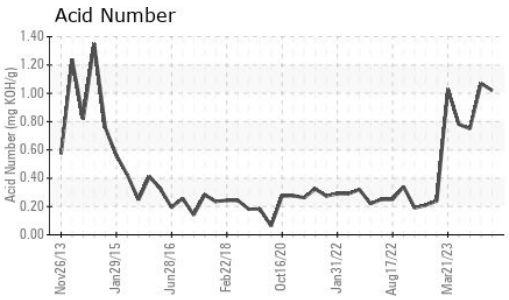
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**0**	0	0
Barium	ppm	ASTM D5185m		**0**	0	2
Molybdenum	ppm	ASTM D5185m		**0**	0	<1
Manganese	ppm	ASTM D5185m		**1**	1	7
Magnesium	ppm	ASTM D5185m		**1**	1	<1
Calcium	ppm	ASTM D5185m		**<1**	0	5
Phosphorus	ppm	ASTM D5185m		**533**	510	499
Zinc	ppm	ASTM D5185m		**<1**	1	15
Sulfur	ppm	ASTM D5185m		**18767**	17516	15295

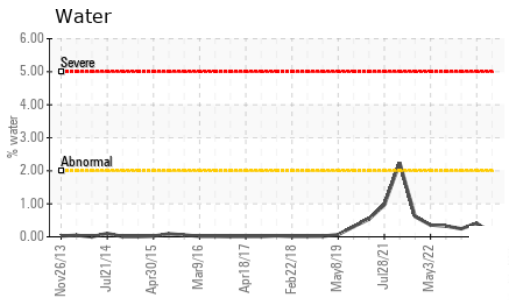
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	**9**	8	12
Sodium	ppm	ASTM D5185m		**3**	2	3
Potassium	ppm	ASTM D5185m	>20	**2**	2	1
Water	%	ASTM D6304	>2	**0.089**	---	---
ppm Water	ppm	ASTM D6304		**890**	---	---

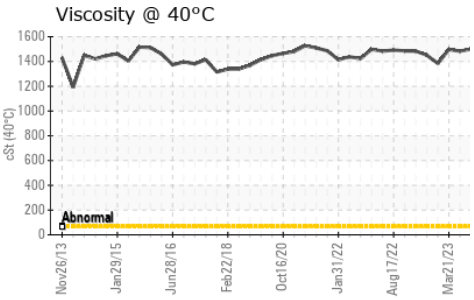
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		**1.02**	1.07	0.75

OIL ANALYSIS REPORT



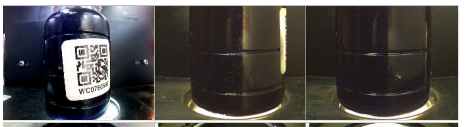
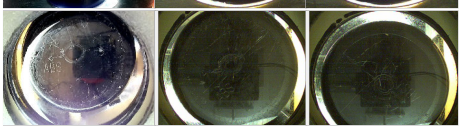




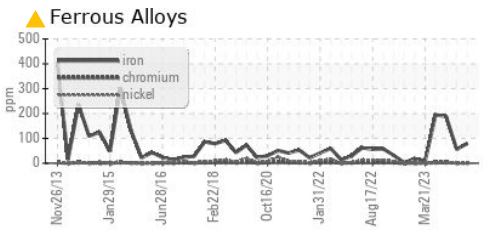


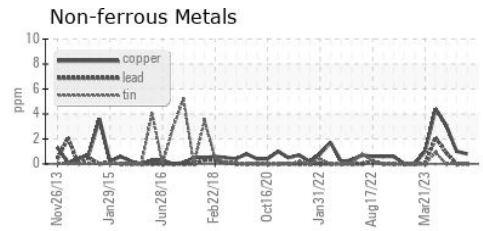
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt	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%**	NEG	NEG
Free Water	scalar	*Visual		**NEG**	NEG	NEG

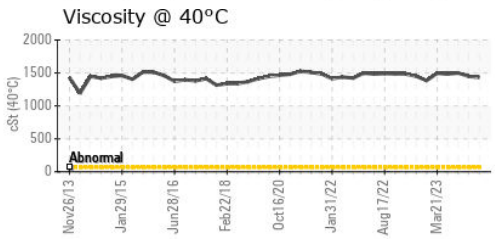
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		**1433**	1449	1500

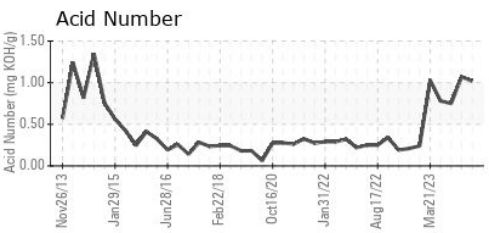
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS









Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0760566 **Received** : 23 Aug 2023
Lab Number : 05932881 **Diagnosed** : 25 Aug 2023
Unique Number : 10618152 **Diagnostician** : Don Baldridge
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: