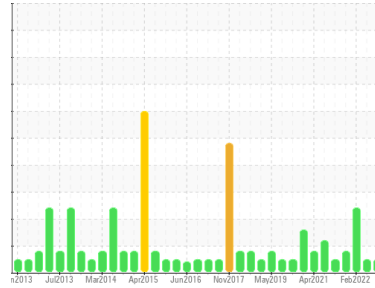




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



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

Resample at the next service interval to monitor.

Wear

All 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. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0676823	WC0676813	WC0625258
Sample Date	Client Info	03 May 2022	08 Mar 2022	21 Feb 2022
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		NORMAL	NORMAL	ABNORMAL

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>20	29	14	▲ 60
Chromium ppm ASTM D5185m	>20	2	<1	5
Nickel ppm ASTM D5185m	>20	5	0	18
Titanium ppm ASTM D5185m		0	0	0
Silver ppm ASTM D5185m		0	0	<1
Aluminum ppm ASTM D5185m	>20	<1	0	0
Lead ppm ASTM D5185m	>20	0	0	0
Copper ppm ASTM D5185m	>20	<1	<1	2
Tin ppm ASTM D5185m	>20	0	0	0
Antimony ppm ASTM D5185m		---	---	0
Vanadium ppm ASTM D5185m		0	0	0
Cadmium ppm ASTM D5185m		0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		<1	2	3
Barium ppm ASTM D5185m		0	0	0
Molybdenum ppm ASTM D5185m		<1	<1	<1
Manganese ppm ASTM D5185m		<1	<1	<1
Magnesium ppm ASTM D5185m		0	0	<1
Calcium ppm ASTM D5185m		13	9	21
Phosphorus ppm ASTM D5185m		44	46	73
Zinc ppm ASTM D5185m		0	0	0
Sulfur ppm ASTM D5185m		9913	7572	11219

CONTAMINANTS

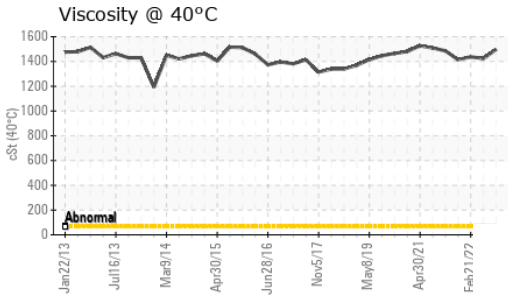
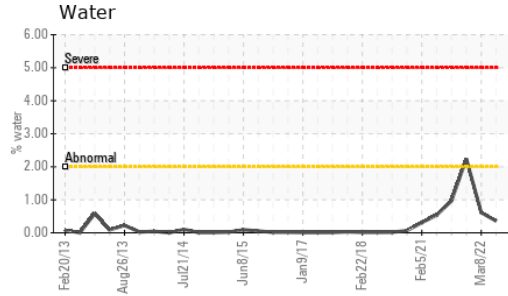
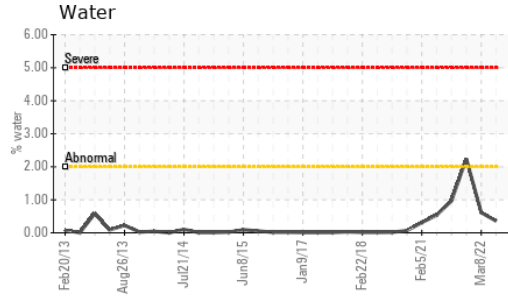
method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>15	4	2	8
Sodium ppm ASTM D5185m		0	0	2
Potassium ppm ASTM D5185m	>20	<1	<1	1
Water % ASTM D6304	>2	0.358	0.611	▲ 2.24
ppm Water ppm ASTM D6304		3580	6110	▲ 22400

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		0.22	0.32	0.29



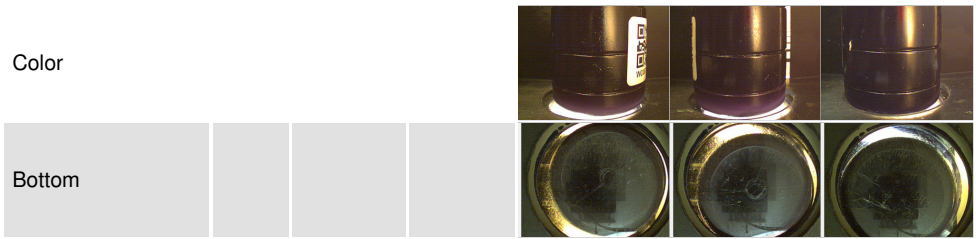
OIL ANALYSIS REPORT



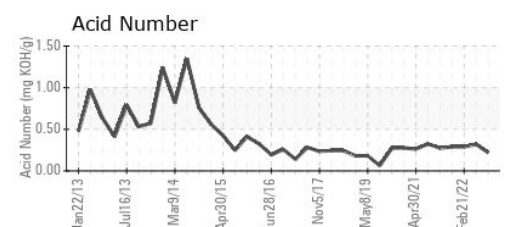
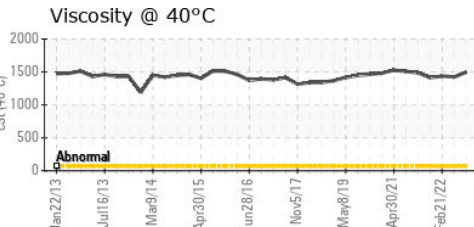
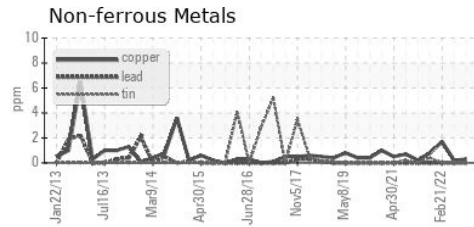
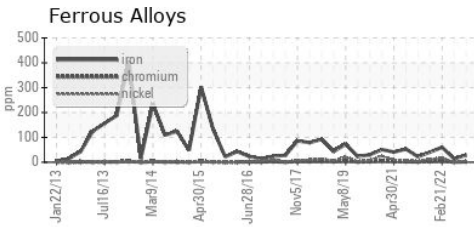
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	1498	1423	1438

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0676823 **Received** : 23 May 2022
Lab Number : 05551511 **Diagnosed** : 25 May 2022
Unique Number : 9985878 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

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 RIEGELWOOD, NC
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 F:

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)