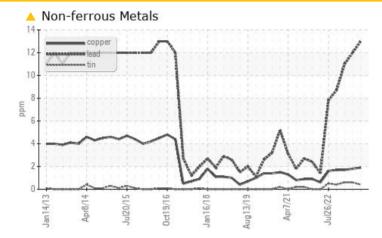


PROBLEM SUMMARY

EM Machine Id EM-0676-DE FM #1 Drive Motor Sleeve BRG

Drive End Bearing Fluid ESSO NUTO H ISO 68 (20 LTR)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status				ATTENTION	ATTENTION	ATTENTION	
Lead	ppm	ASTM D5185(m)	>6	<u> </u>	1 2	1 1	

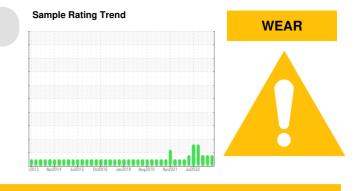
Customer Id: STMBOW Sample No.: WC0869938 Lab Number: 02601873 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 <u>gloria.gonzalez@wearcheck.com</u>



RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Check Fluid Source			?	Confirm the source of the lubricant being utilized for top-up/fill.		

HISTORICAL DIAGNOSIS



03 Aug 2023 Diag: Bill Quesnel

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

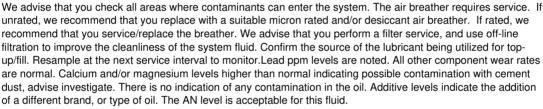
16 May 2023 Diag: Kevin Marson

WEAR



Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.Lead ppm levels are noted. All other component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

09 Nov 2022 Diag: Kevin Marson







view report



OIL ANALYSIS REPORT

Area EM Machine Id EM-0676-DE FM #1 Drive Motor Sleeve BRG Component

Drive End Bearing

ESSO NUTO H ISO 68 (20 LTR)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

📥 Wear

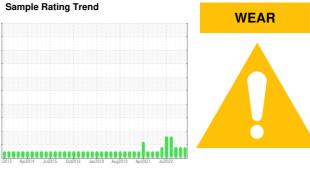
Lead ppm levels are noted. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

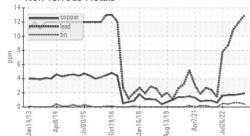


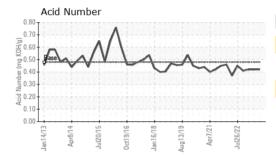
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0869938	WC0842779	WC0818209
Sample Date		Client Info		26 Oct 2023	03 Aug 2023	16 May 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ATTENTION	ATTENTION
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0	0	0
Iron	ppm	ASTM D5185(m)	>25	2	2	2
Chromium	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>20	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		<1	0	0
Aluminum	ppm	ASTM D5185(m)	>3	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>6	<u> </u>	<u> </u>	1 1
Copper	ppm	ASTM D5185(m)	>60	2	2	2
Tin	ppm	ASTM D5185(m)	>6	<1	<1	<1
Antimony	ppm	ASTM D5185(m)		5	4	5
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0.6	<1	0	0
Barium	ppm	ASTM D5185(m)	0.0	1	1	1
Molybdenum	ppm	ASTM D5185(m)	0.0	0	0	0
Manganese	ppm	ASTM D5185(m)	0.0	0	0	0
Magnesium	ppm	ASTM D5185(m)	0.0	70	72	72
Calcium	ppm	ASTM D5185(m)	44	14	14	13
Phosphorus	ppm	ASTM D5185(m)	319	283	308	318
Zinc	ppm	ASTM D5185(m)	400	351	358	351
Sulfur	ppm	ASTM D5185(m)	2810	752	779	789
Lithium	ppm	ASTM D5185(m)		1	1	1
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	<1	<1	<1
Sodium	ppm	ASTM D5185(m)		<1	<1	0
Potassium	ppm	ASTM D5185(m)	>20	0	1	<1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.48	0.42	0.42	0.42

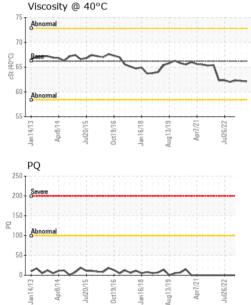


OIL ANALYSIS REPORT





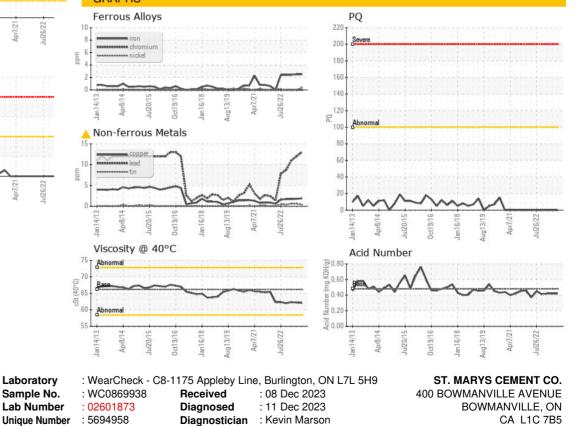




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	VLITE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>2	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	66.2	62.1	62.2	62.3
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						

Bottom





 Accredited Laboratory
 Unique Number
 : 5694958
 Diagnostician
 : Kevin Marson

 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.
 Second 1.000 (*)

Report Id: STMBOW [WCAMIS] 02601873 (Generated: 12/11/2023 07:17:10) Rev: 1

CALA

ISO 17025:2017

Submitted By: ?

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