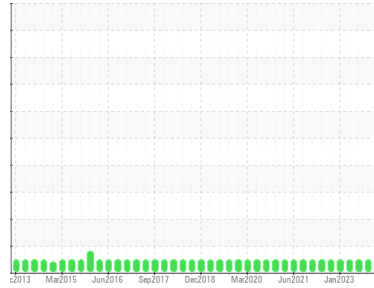




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**4 Calender Line**  
 Machine Id  
**38-0066 Dropmill**  
 Component  
**Gearbox**  
 Fluid  
**SUNOCO SUNE320 (155 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 condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WC0808310</b>	WC0782358	WC0808315
Sample Date	Client Info	<b>03 Jan 2024</b>	03 Oct 2023	06 Jul 2023
Machine Age	hrs	<b>0</b>	0	0
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >200	<b>45</b>	45	45
Chromium	ppm ASTM D5185(m) >15	<b>0</b>	0	<1
Nickel	ppm ASTM D5185(m) >15	<b>&lt;1</b>	<1	<1
Titanium	ppm ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm ASTM D5185(m)	<b>0</b>	<1	0
Aluminum	ppm ASTM D5185(m) >25	<b>&lt;1</b>	<1	<1
Lead	ppm ASTM D5185(m) >100	<b>&lt;1</b>	<1	<1
Copper	ppm ASTM D5185(m) >200	<b>&lt;1</b>	<1	<1
Tin	ppm ASTM D5185(m) >25	<b>0</b>	0	0
Antimony	ppm ASTM D5185(m) >5	<b>0</b>	0	0
Vanadium	ppm ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

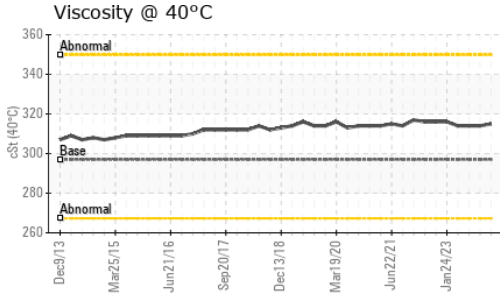
method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>10</b>	10	10
Barium	ppm ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	0	0
Manganese	ppm ASTM D5185(m)	<b>0</b>	0	<1
Magnesium	ppm ASTM D5185(m)	<b>&lt;1</b>	0	<1
Calcium	ppm ASTM D5185(m)	<b>7</b>	6	7
Phosphorus	ppm ASTM D5185(m)	<b>243</b>	247	263
Zinc	ppm ASTM D5185(m)	<b>5</b>	7	5
Sulfur	ppm ASTM D5185(m)	<b>8241</b>	7990	8196
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >50	<b>1</b>	1	1
Sodium	ppm ASTM D5185(m)	<b>0</b>	<1	<1
Potassium	ppm ASTM D5185(m) >20	<b>4</b>	0	<1



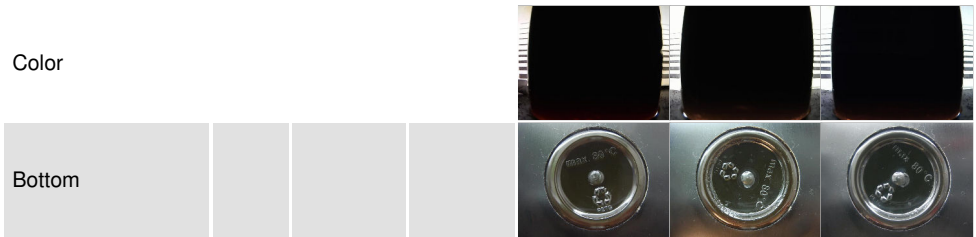
# OIL ANALYSIS REPORT



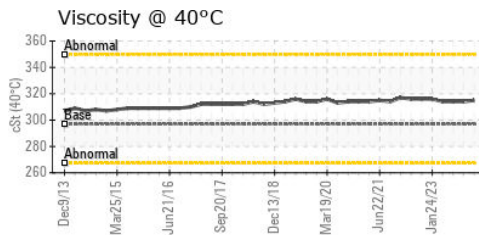
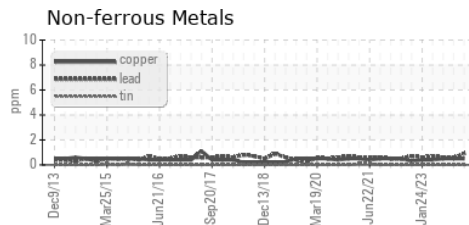
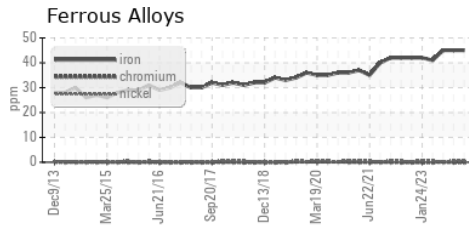
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	297	<b>315</b>	314

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CANADIAN GENERAL TOWER LTD.**  
**Sample No.** : WC0808310 **Received** : 11 Jan 2024 52 MIDDLETON STREET, P.O. BOX 160  
**Lab Number** : 02608298 **Diagnosed** : 11 Jan 2024 CAMBRIDGE, ON  
**Unique Number** : 5709384 **Diagnostician** : Wes Davis CA N1S 2R4  
**Test Package** : IND 1

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.

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