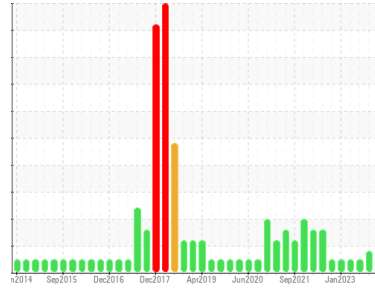




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
6 Calender Line
 Machine Id
39-0034 South Cooling Mixer
 Component
Gearbox
 Fluid
MOBIL GLYGOYLE 30 (70 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. 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		WC0867513	WC0808299	WC0782353
Sample Date	Client Info		04 Jan 2024	04 Oct 2023	06 Jul 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			NORMAL	MARGINAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>200	39	45	34
Chromium	ppm	ASTM D5185(m)	>15	14	▲ 16	13
Nickel	ppm	ASTM D5185(m)	>15	1	1	1
Titanium	ppm	ASTM D5185(m)		10	12	11
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	1	1	1
Lead	ppm	ASTM D5185(m)	>100	1	2	1
Copper	ppm	ASTM D5185(m)	>200	38	45	43
Tin	ppm	ASTM D5185(m)	>25	5	6	6
Antimony	ppm	ASTM D5185(m)	>5	9	10	9
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

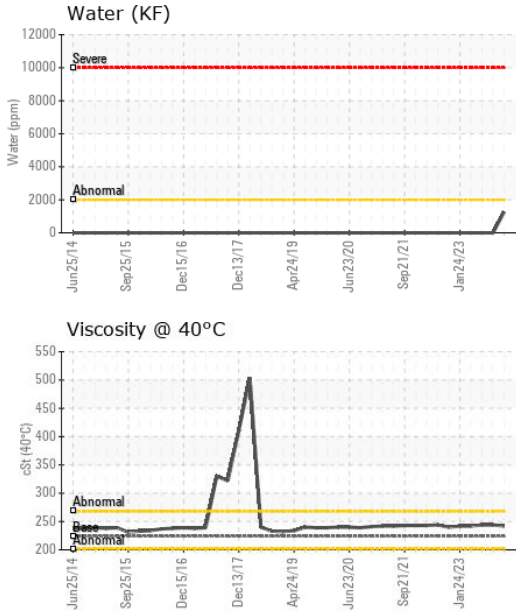
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		15	18	15
Barium	ppm	ASTM D5185(m)		3	4	3
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		0	0	<1
Magnesium	ppm	ASTM D5185(m)		2	2	2
Calcium	ppm	ASTM D5185(m)		263	290	213
Phosphorus	ppm	ASTM D5185(m)		1143	1162	1196
Zinc	ppm	ASTM D5185(m)		4	5	5
Sulfur	ppm	ASTM D5185(m)		161	127	127
Lithium	ppm	ASTM D5185(m)		<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>50	9	10	9
Sodium	ppm	ASTM D5185(m)		3	5	3
Potassium	ppm	ASTM D5185(m)	>20	6	<1	1
Water	%	ASTM D6304*	>0.2	0.126	---	---
ppm Water	ppm	ASTM D6304*	>2000	1266	---	---



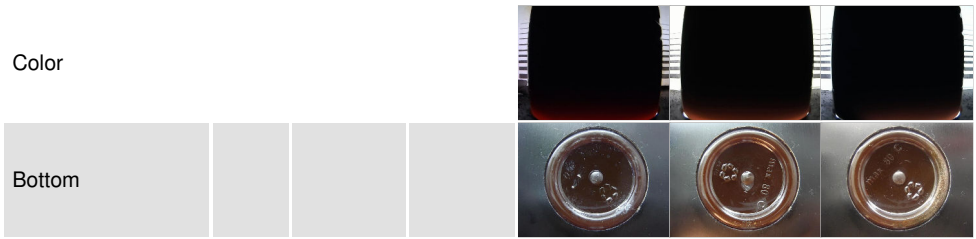
OIL ANALYSIS REPORT



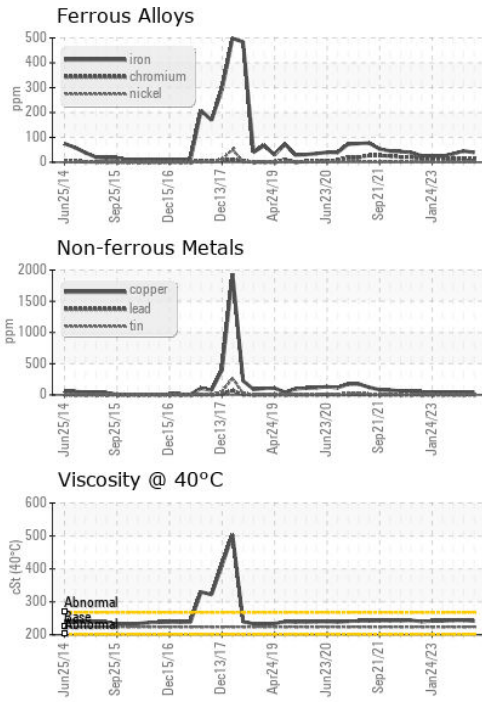
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	HAZY	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)	224	242	244

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. : WC0867513 **Recieved** : 11 Jan 2024 **52 MIDDLETON STREET, P.O. BOX 160**
Lab Number : 02608311 **Diagnosed** : 15 Jan 2024 **CAMBRIDGE, ON**
Unique Number : 5709397 **Diagnostician** : Kevin Marson **CA N1S 2R4**
Test Package : IND 1 (Additional Tests: KF) **Contact: Bob Abell**
bob.abell@cgtower.com

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.