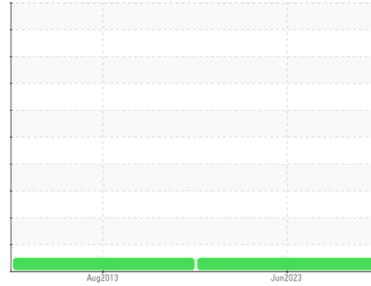




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**Borden Ch#1**  
 Machine Id  
**YORK 2GYM017121(1)**  
 Component  
**Chiller**  
 Fluid  
**YORK TYPE L (--- 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		<b>GTT0000028</b>	GTT10517	---
Sample Date	Client Info		<b>02 Jun 2023</b>	15 Aug 2013	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>0</b>	---	---
Iron	ppm	ASTM D5185(m) >8	<b>0.0</b>	0.1	---
Chromium	ppm	ASTM D5185(m) >2	<b>0.0</b>	0.1	---
Nickel	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Silver	ppm	ASTM D5185(m) >2	<b>0.0</b>	---	---
Aluminum	ppm	ASTM D5185(m) >3	<b>0.0</b>	0.1	---
Lead	ppm	ASTM D5185(m) >2	<b>0.0</b>	0.1	---
Copper	ppm	ASTM D5185(m) >8	<b>0.2</b>	0.1	---
Tin	ppm	ASTM D5185(m) >4	<b>0.0</b>	0.1	---
Antimony	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>0.5</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<b>0.0</b>	---	---
Calcium	ppm	ASTM D5185(m)	<b>0.2</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>1.1</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>1.8</b>	0.1	---
Sulfur	ppm	ASTM D5185(m)	<b>7.1</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>0.4</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<b>11</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>0.3</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>0.9</b>	---	---
Water	%	ASTM D6304* >0.01	<b>0.038</b>	---	---
ppm Water	ppm	ASTM D6304* >100	<b>388.1</b>	137	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.07</b>	0.005	---

# OIL ANALYSIS REPORT

VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>FREON</b>	---	---
Emulsified Water	scalar	Visual*	>0.01	<b>NEG</b>	---	---
Free Water	scalar	Visual*		<b>NEG</b>	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	100	<b>104</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Sample No.** : GTT0000028      **Received** : 28 Aug 2023  
**Lab Number** : **02578770**      **Diagnosed** : 01 Sep 2023  
**Unique Number** : 5631830      **Diagnostician** : Bill Quesnel  
**Test Package** : IND 2 ( Additional Tests: KF, TAN Man )

*To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26.*

*Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.*

*Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.*

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