

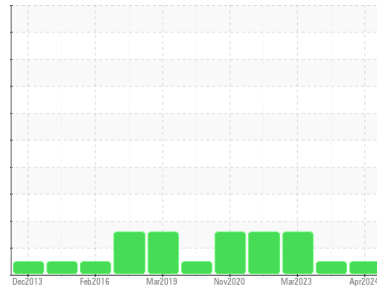


# OIL ANALYSIS REPORT



Area  
**FSCC Ch#1 [GTT224-357]**  
 Machine Id  
**YORK SLXM097970**  
 Component  
**Chiller**  
 Fluid  
**YORK TYPE K (--- GAL)**

Sample Rating Trend



**NORMAL**



## 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 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>GTT0002350</b>	GTT0000805	GTT68145
Sample Date	Client Info		<b>02 Apr 2024</b>	20 Nov 2023	15 Mar 2023
Machine Age	hrs	Client Info	<b>0</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	ATTENTION

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >8	<b>0</b>	0	<1
Chromium	ppm	ASTM D5185(m) >2	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m) >2	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185(m) >3	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185(m) >2	<b>0</b>	0	<1
Copper	ppm	ASTM D5185(m) >8	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185(m) >4	<b>0</b>	0	<1
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

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

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >15	<b>&lt;1</b>	5	---
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	1	---
Potassium	ppm	ASTM D5185(m) >20	<b>&lt;1</b>	4	---
ppm Water	ppm	ASTM D6304* >300	<b>&lt;10</b>	265	482

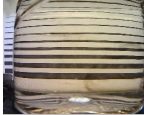



## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.03	<b>0.01</b>	0.02	0.010

# OIL ANALYSIS REPORT

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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	32.0	<b>34.7</b>	14.2	---

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

## GRAPHS



**Sample No.** : GTT0002350  
**Lab Number** : 02627158  
**Unique Number** : 5760290  
**Test Package** : IND 2 ( Additional Tests: KV40 )  
*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.*

**Received** : 05 Apr 2024  
**Tested** : 10 Apr 2024  
**Diagnosed** : 10 Apr 2024 - Bill Quesnel

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