

OIL ANALYSIS REPORT

CITI Ch#5 Comp 2 [GTT224-467 AST72170] OTHER 0806U03913(5,2)

Componer Chiller

Fluid REFRIGERATION OIL (POE) (--- GAL)

DIAGNOSIS

Recommendation

We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

🔺 Wear

Iron ppm levels are abnormal.

Contamination

Insufficient sample was received to conduct all the routine laboratory tests. The elevated moisture content is associated with POE oils which are hygroscopic, and can absorb moisture from sampling and processing.

Fluid Condition

The condition of the oil is acceptable for the time in service (unconfirmed).

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GTT0003559		
Sample Date		Client Info		26 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>8	4 9		
Chromium	ppm	ASTM D5185(m)	>2	0		
Nickel	ppm	ASTM D5185(m)	r =	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>3	1		
Lead	ppm	ASTM D5185(m)	>2	، <1		
Copper		ASTM D5185(m)	>8	<1		
Jopper Tin	ppm	ASTM D5185(m) ASTM D5185(m)	>8 >4	<1 <1		
	ppm	. /	>4	< 1		
Antimony Vanadium	ppm	ASTM D5185(m)		-		
	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	<1		
Barium	ppm	ASTM D5185(m)	0	0		
Volybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)	0	0		
Magnesium	ppm	ASTM D5185(m)	0	0		
Calcium	ppm	ASTM D5185(m)	10	0		
Phosphorus	ppm	ASTM D5185(m)	250	3		
Zinc	ppm	ASTM D5185(m)	0	2		
Sulfur	ppm	ASTM D5185(m)	400	8		
_ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>10	154		
Sodium	ppm	ASTM D5185(m)	. 20	0		
Potassium	ppm	ASTM D5185(m)	>20	0		
opm Water	ppm	ASTM D6304*	>200	3 67		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*	>0.020	NEG		
	000.00				Service Manage	- OTTOOOOA

Sample Rating Trend

WATER



OIL ANALYSIS REPORT

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



Sample No. : GTT0003559 Received : 28 Jun 2024 6-155 Rowntree Dairy Road Lab Number : 02644725 Tested : 03 Jul 2024 Woodbridge, ON Unique Number : 5802264 Diagnosed : 04 Jul 2024 - Bill Quesnel CA L4L 6E1 Test Package : IND 2 (Additional Tests: KF, TAN Man) Contact: Service Manager 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.

Report Id: GTT0000016 [WCAMIS] 02644725 (Generated: 07/04/2024 12:19:10) Rev: 1

Contact/Location: Service Manager - GTT0000016 Page 2 of 2

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