

# **COOLANT REPORT**

## Area Caserne 71 Cold Water Circuit [GTT224-456 0073656-H] **CASERNE 71 COLD WATER CIRCUIT**

Coolant

Fluid **CONVENTIONAL COOLANT (--- GAL)** 

#### Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

### Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

#### Contaminants

There is no indication of any contamination in the coolant.

#### **Coolant Condition**

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.





SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GTT0003326		
Sample Date		Client Info		23 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR		EG		
Specific Gravity		ASTM D1298*		1.044		
рН	Scale 0-14	ASTM D1287*	9.5	9.13		
Nitrites	ppm	Alcan Test Kit*	1500	400		
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	6.5		
Percentage Glycol	%	ASTM D3321*	50	32.9		
Freezing Point	°C	ASTM D3321*	-40	-17		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		12		
Phosphorus	ppm	ASTM D5185(m)		602		
Boron	ppm	ASTM D5185(m)		74		
Molybdenum	ppm	ASTM D5185(m)		1		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	10		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		<1		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		286		
Potassium	ppm	ASTM D5185(m)		2423		
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	2		
Magnesium	ppm	ASTM D5185(m)	>40	<1		
Hardness	mg/L CaCO3	In-house*	<75	8		

Sample Rating Trend



## **COOLANT REPORT**

VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Green	Grn/Pink		
Coolant Appearance	Visual*	Clear	Clear		
Color				no image	no image
Bottom				no image	no image
GRAPHS					



1850 32nd Avenue Lab Number : 02642707 Tested : 26 Jun 2024 Montreal, QC Unique Number : 5800246 Diagnosed : 26 Jun 2024 - Bill Quesnel CA H8T 3J7 Contact: Paula Carvalho Test Package : COOL ( Additional Tests: GlycolType ) To discuss this sample report, contact Customer Service at 1-905-847-9300 Ext 26. pcarvalho@baulne.ca Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (514)422-0444 Damages: Seller shall in no event be liable for special, incidental, or consequential damages, of a commercial nature, resulting from any cause.

: 18 Jun 2024

Received

Report Id: GTT0000213 [WCAMIS] 02642707 (Generated: 06/26/2024 16:37:11) Rev: 1

Sample No. : GTT0003326

Contact/Location: Paula Carvalho - GTT0000213

F:

**Baulne Inc**