

# **COOLANT REPORT**

#### Sample Rating Trend







## Machine Id 093106 Component

#### Coolant Fluid {not provided} (25 LTR)

### 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.

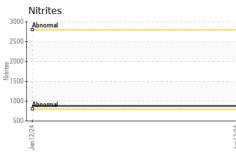
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC105097		
Sample Date		Client Info		12 Jan 2024		
Machine Age	hrs	Client Info		3093		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.060		
pH	Scale 0-14	ASTM D1287*		9.06		
, Nitrites	ppm	Alcan Test Kit*		880		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.7		
Percentage Glycol	%	ASTM D3321*		44.9		
Freezing Point	°C	ASTM D3321*		-21		
Carboxylate						
CORROSION INHI		mothed	limit/base	ourropt	history	history
			- inni/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		39		
Phosphorus	ppm	ASTM D5185(m)		148		
Boron	ppm	ASTM D5185(m)		78		
Molybdenum	ppm	ASTM D5185(m)		4		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
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)		3		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1154		
Potassium	ppm	ASTM D5185(m)		3458		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	4		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	18		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Grn/Yellow		
Coolant Appearance		Visual*	Clear	Cloudy		
Color					no image	no image
Bottom					no image	no image

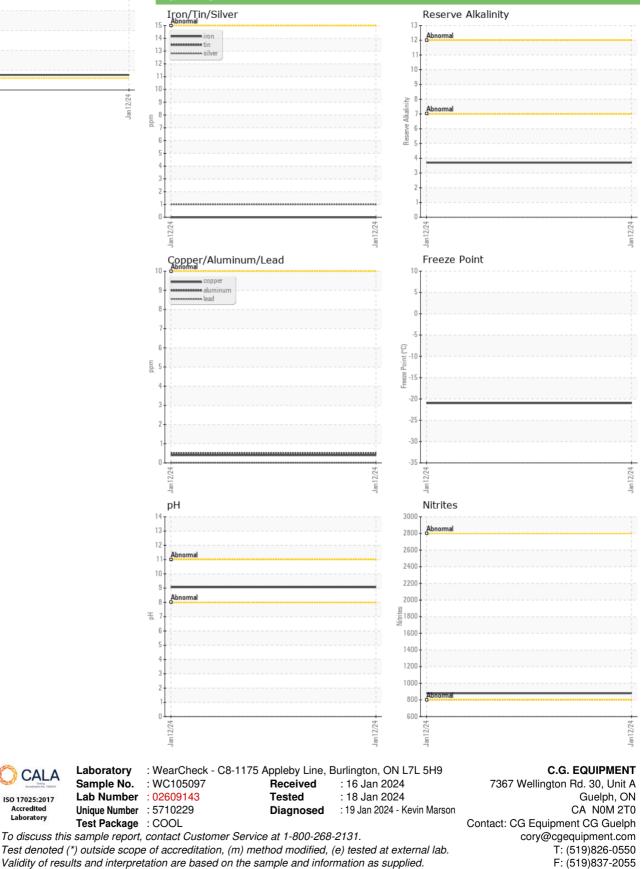
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Contact/Location: CG Equipment CG Guelph - CGEGUE



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