

## **COOLANT REPORT**

Sample Rating Trend



# Machine Id MERCEDES C4-B

#### Component Coolant

### HYBRID (HOAT) 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.

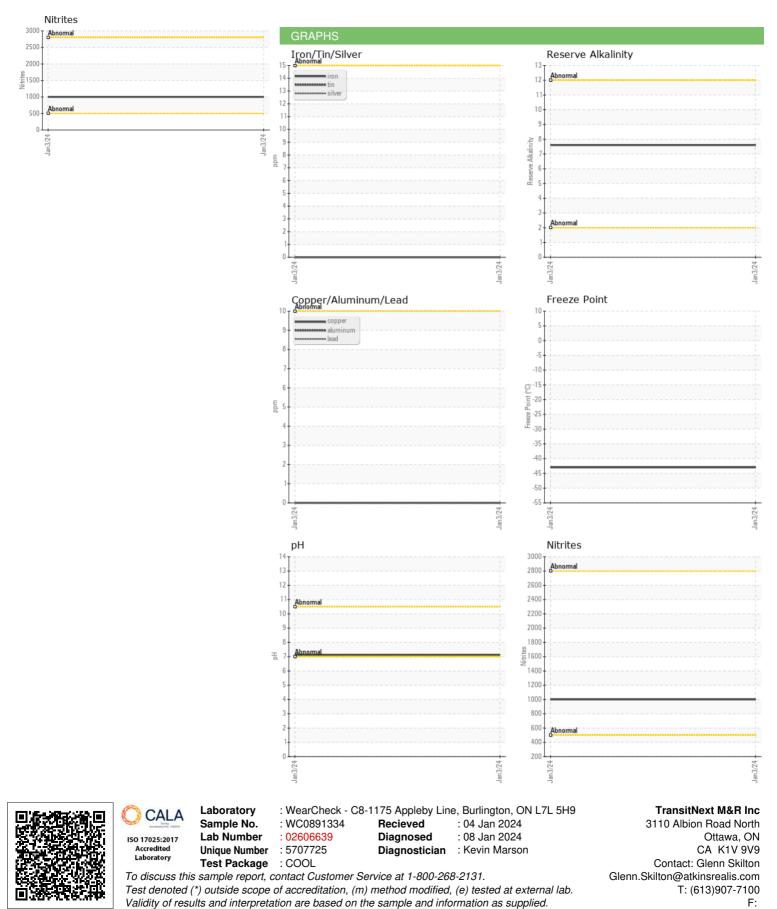
#### **Coolant Condition**

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	<b>NATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0891334		
Sample Date		Client Info		03 Jan 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.072		
pH	Scale 0-14	ASTM D1287*		7.10		
Nitrites	ppm	Alcan Test Kit*		1000		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.6		
Percentage Glycol	%	ASTM D3321*		53.5		
Freezing Point	°C	ASTM D3321*		-43		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		0		
Phosphorus	ppm	ASTM D5185(m)		<1		
Boron	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	0		
Zinc	ppm	ASTM D5185(m)		0		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)		<1		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	0		
Magnesium	ppm	ASTM D5185(m)	>40	0		
Hardness	mg/L CaCO3	In-house*	<75	0		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Green		
Coolant Appearance		Visual*	Clear	Clear		
Color				A191334	no image	no image
Bottom					no image	no image



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