

COOLANT REPORT

_

Sample Rating Trend

NORMAL



MERCEDES C8-A

Component

Coolant

HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

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

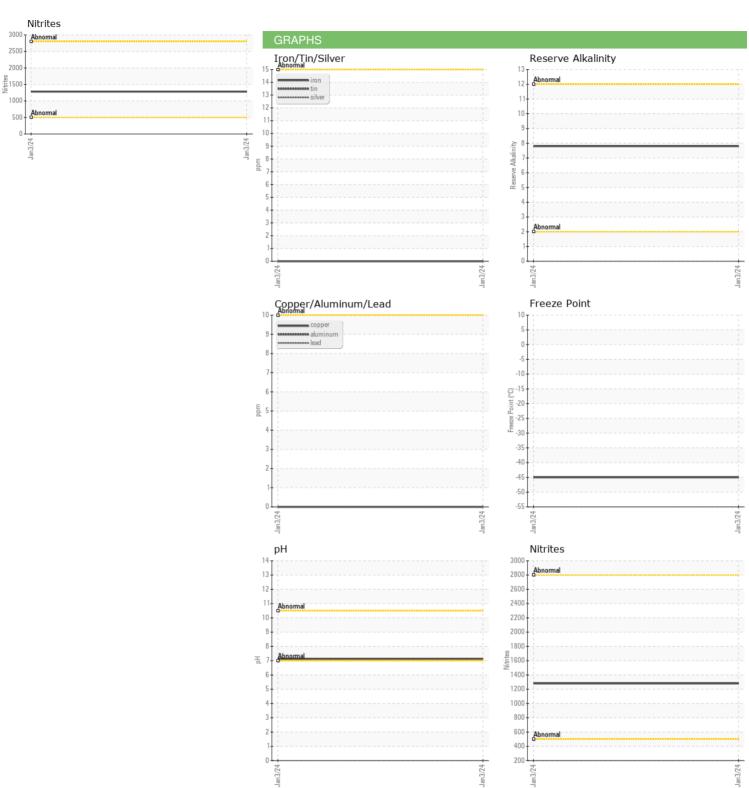
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

				Jan2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0891341		
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*		1.073		
pH	Scale 0-14	ASTM D1287*		7.10		
Nitrites	ppm	Alcan Test Kit*		1280		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.8		
Percentage Glycol	%	ASTM D3321*		54.6		
Freezing Point	°C	ASTM D3321*		-45		
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)		<1		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)		0		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<1		
Magnesium	ppm	ASTM D5185(m)	>40	0		
Hardness	mg/L CaCO3	In-house*	<75	1		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Green		
Coolant Appearance		Visual*	Clear	Clear		
Color				NC0891341	no image	no image
Bottom					no image	no image

Contact/Location: Glenn Skilton - TRA310OTT



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5707723

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 02606637

: WC0891341

Validity of results and interpretation are based on the sample and information as supplied.

Recieved Diagnosed

: 04 Jan 2024 : 08 Jan 2024 Diagnostician : Kevin Marson

Test Package : COOL To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

TransitNext M&R Inc 3110 Albion Road North Ottawa, ON CA K1V 9V9

Contact: Glenn Skilton Glenn.Skilton@atkinsrealis.com

T: (613)907-7100