

# **COOLANT REPORT**

## Sample Rating Trend

# WEAR

# Machine Id MERCEDES C7-A

Component

Coolant

**HYBRID (HOAT) COOLANT (--- GAL)** 

## DIAGNOSIS

#### Recommendation

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer`s specifications. We recommend an early resample to monitor this condition.

#### Corrosion

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system.

#### Contaminants

There is no indication of any contamination in the coolant.

#### **Coolant Condition**

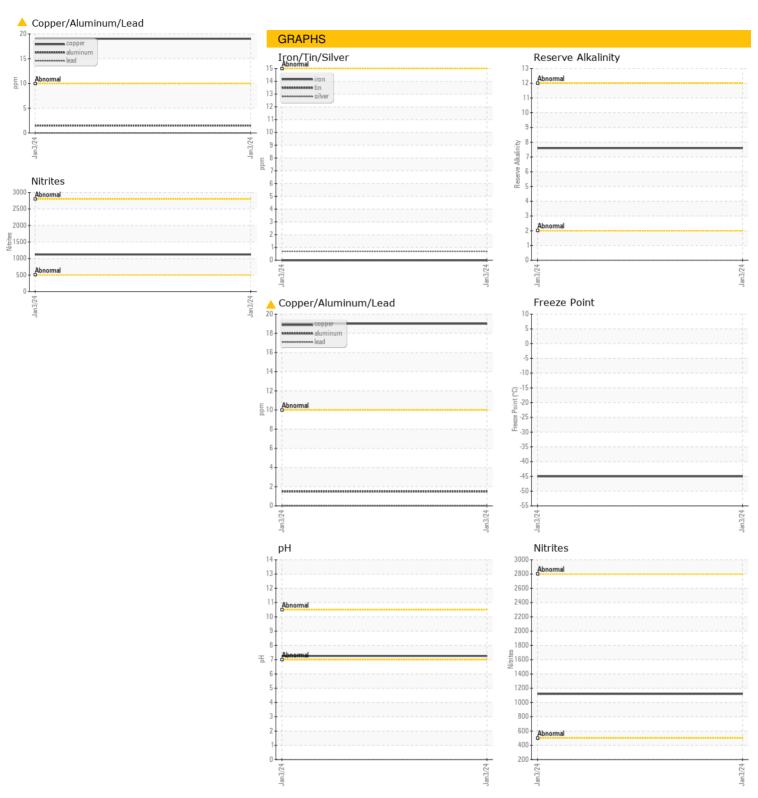
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

				Jan2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0891339		
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				ABNORMAL		
PHYSICAL TEST R	EQUI TO	method	limit/base	current	history1	history2
	ILOULIO		III III Dasc			
Specific Gravity	0 1 0 11	ASTM D1298*		1.073		
pH	Scale 0-14	ASTM D1287*		7.26		
Nitrites	ppm	Alcan Test Kit*		1120		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.6		
Percentage Glycol	%	ASTM D3321*		54.7		
Freezing Point	°C	ASTM D3321*		-45		
Carboxylate						
CORROSION INHI	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		41		
Phosphorus	ppm	ASTM D5185(m)		12		
Boron	ppm	ASTM D5185(m)		1627		
Molybdenum	ppm	ASTM D5185(m)		<1		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)		2		
Copper	ppm	ASTM D5185(m)	>10	<u> </u>		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)		<1		
Zinc	ppm	ASTM D5185(m)	7.0	<1		
CARRIER SALTS		` '	line it /le e e e		la i a ta mud	la i a t a m v O
		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		9845		
Potassium	ppm	ASTM D5185(m)		613		
SCALE POTENTIA	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	15		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Green		
Coolant Appearance		Visual*	Clear	Clear		
Color				WC0891339	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 : 5707731

Test Package : COOL

: WC0891339 : 02606645

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

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

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

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