



"Maintaining Oil and Equipment Through Science"

# Coolant Analysis Report

North America: +1-877-251-8315

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: JGLUBR-0007-1036 Company Name: CHRIS MURRELL Contact: Address: 1810 CANNON DR WALNUT CREEK, CA 94597 US Phone Number: 925-708-4383		Component ID: DAPF4CC5J97705 COOL Secondary ID: JAN152025-2020 FORESTER Component Type: COOLANT - CONVENTIONAL EG USED Manufacturer: MERCEDES BENZ Model: <a href="#">Information Requested</a> Application: RECREATIONAL VEHICLE System Capacity:		Tracking Number: 25014L69971 Lab Number: S-284749 Lab Location: Salt Lake City Data Analyst: JUK Sampled: 15-Jan-2025 Received: 17-Jan-2025 Completed: 20-Jan-2025	
		Miscellaneous Information		Product Information	
				Product Manufacturer: <a href="#">Information Requested</a> Product Name: <a href="#">Information Requested</a>	
Comments	Suggest flushing this system with water that meets specifications and install new recommended coolant; Suggest correcting the source of hardness; Total Hardness is at a SEVERE level; The nitrite level is low which may be due to precipitation from over treatment with inhibitor, an air leak, over extending service, or mixing coolant formulations. The pH level is moderately low and below specifications. This may indicate inadequate buffers, an air leak, combustion gas leak, localized over heating, mixing coolant formulations, or over extending coolant use. Resample in 60 days; We acknowledge the COMPONENT INFORMATION (type, manufacturer and/or model) was provided, however we were not able to validate it within our database or from the manufacturer. Please contact the Data Analysis Department to clarify the information. Thank you.				

	Sample Information							Corrosion Metals (ppm)							Contaminants (ppm)		Corrosion Inhibitors (ppm)			Carrier Salts (ppm/10)			
Sample #	Date Sampled	Date Received	Coolant Time mi	Unit Time mi	Coolant Change	gal SCA Added	Filter Change	Iron	Aluminum	Copper	Lead	Tin	Silver	Zinc	Titanium	Calcium	Magnesium	Silicon	Phosphates	Boron	Molybdenum	Sodium	Potassium
1	15-Jan-2025	17-Jan-2025	0	0	Unk	0	Unk	0	1	1	0	0	0	1		42	7	43	30	1	0	479	43

Visual Testing							
#	Foam	Color	Oil	Fuel	Magnetic Precipitate	Non-Magnetic Precipitation	Odor
1	None	Clear Fluorescent Orange / Pink	None	None	None	None	None

Basic Testing									
#	Freeze Point (°F)	Boil Point (°F)	Antifreeze Percent (%)	pH Waters (pH)	Total Hardness (ppm)	Nitrite (ppm)	Specific Conductance (µS / cm)	SCA Number (units / gal)	Carboxylic Acid (Pass / Fail)
1	-40	226	53	7.6	130	5 - Strip	4112	0.0	

Additional Testing	
Sample #	Total Dissolved Solids ppm
1	2179

Comments are advisory only and are based on the sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.