



"Maintaining Oil and Equipment Through Science"

# Coolant Analysis Report

North America: +1-877-971-7799

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: JGLUBR-0007-0355 Company Name: OLIVER'S RV INSPECTIONS & MORE Contact: CYNTHIA OLIVER Address: 8934 WEBB ROAD PONDER, TX 76201 US Phone Number: 940-300-1692		Component ID: 4VZACGFE0JCJY4522 EC Secondary ID: 2018 TIFFIN PHAETON REAR Component Type: COOLANT - CONVENTIONAL PG Manufacturer: CUMMINS Model: <a href="#">Information Requested</a> Application: RECREATIONAL VEHICLE System Capacity:		Tracking Number: 19315N41834 Lab Number: I-362954 Lab Location: Indianapolis Data Analyst: JAS Sampled: 25-Jun-2020 Received: 30-Jun-2020 Completed: 02-Jul-2020	
		Miscellaneous Information		Product Information	
				Product Manufacturer: UNKNOWN Product Name: UNKNOWN	
Comments	Suggest correcting the source of hardness; Suggest flushing this system with water that meets specifications and install new recommended coolant; Total Hardness is at a SEVERE level; Hardness may be due to source water that does not meet specifications, a water softener not functioning properly, or outside contaminants entering the system. 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. 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. Resample in 60 days;				

	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	SCA Added gal	Filter Change	Iron	Aluminum	Copper	Lead	Tin	Silver	Zinc	Titanium	Calcium	Magnesium	Silicon	Phosphates	Boron	Molybdenum	Sodium	Potassium
1	25-Jun-2020	30-Jun-2020	11482	14742	No	0	No	0	0	0	0	0	0	9		38	2	4	0	2	20	33	557

Visual Testing							
#	Foam	Color	Oil	Fuel	Magnetic Precipitate	Non-Magnetic Precipitation	Odor
1	None	Clear Red / Orange	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)	SCA Number	Carboxylic Acid (Pass / Fail)
1	-22	220	48	7.7	102	23 - Strip	3970	0.0	

Additional Testing	
Sample #	Total Dissolved Solids ppm
1	2100

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.

Historical Comments