



"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-0007-0672 Company Name: VOYAGER RV LLC Contact: MATT JEFFERY Address: [REDACTED] Phone Number: [REDACTED]		Component ID: [REDACTED] Secondary ID: [REDACTED] Component Type: COOLANT - CONVENTIONAL EG USED Manufacturer: CATERPILLAR Model: 350 HP Application: RECREATIONAL VEHICLE System Capacity:		Tracking Number: 21110J46441 Lab Number: H-837565 Lab Location: Houston Data Analyst: JPH Sampled: 22-Sep-2021 Submitted: 23-Sep-2021 Received: 27-Sep-2021 Completed: 28-Sep-2021	
		Miscellaneous Information		Product Information	
				Product Manufacturer: PARTS MASTER Product Name: 50/50 ANTIFREEZE	
Comments	Suggest checking this system for an air leak; Suggest flushing this system with water that meets specifications and install new recommended coolant; Iron is at a SEVERE level; Iron sources may be corrosion from cylinder liners, engine block, cylinder head, and/or residual from a previous issue. Aluminum is at a SEVERE LEVEL; Aluminum sources may be corrosion or erosion of the radiator, heat exchanger, oil cooler, charge air cooler, thermostat, and/or residual from a previous issue. SIGNIFICANT amount of sludge present; Sample clarity and/or color may indicate fine particulate is present due to emulsified oil, glycol degradation, slight inhibitor drop out, and/or hoses degrading. Resample in 60 days; Your note was taken into consideration.				

Sample #	Sample Information							Corrosion Metals (ppm)							Contaminants (ppm)		Corrosion Inhibitors (ppm)			Carrier Salts (ppm/10)		
	Date Sampled	Date Received	Coolant Time	Unit Time	Coolant Change	SCA Added	Filter Change	Iron	Aluminum	Copper	Lead	Tin	Silver	Zinc	Titanium	Calcium	Magnesium	Silicon	Phosphates	Boron	Molybdenum	Sodium
1	22-Sep-2021	27-Sep-2021	0	0	Unk	0	Unk	160	31	1	6	0	0	9	9	1	5	0	165	1	138	23

#	Foam	Color	Oil	Fuel	Magnetic	Non-Magnetic	Odor
1	None	Very Cloudy Dark Orange	None	None	Minor Flake	Significant Sludge	Other

#	Freeze Point (°F)	Boil Point (°F)	Antifreeze Percent (%)	pH Waters (pH)	Total Hardness (ppm)	Nitrite (ppm)	Specific Conductance (µS / cm)	SCA Number	Carboxylic Acid (Pass / Fail)
1	-28	224	48	7.7	25	5 - Strip	1963	0.0	

Sample #	Total Dissolved Solids (ppm)
1	1040

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.