



"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: Company Name: PROFESSIONAL RV INSPECTION LLC Contact: _____ Address:  Phone Number:		Component ID: Secondary ID: 2000 Newmar Dutch Star 3858 Component Type: COOLANT - CONVENTIONAL EG Manufacturer: CATERPILLAR Model: 7.2L Application: RECREATIONAL VEHICLE System Capacity:				Tracking Number: Lab Number: I-857571 Lab Location: Indianapolis Data Analyst: RAM Sampled: 14-Oct-2019 Submitted: 15-Oct-2019 Received: 17-Oct-2019 Completed: 18-Oct-2019			
		Miscellaneous Information				Product Information			
						Product Manufacturer: UNKNOWN Product Name: UNKNOWN			
Comments	Suggest correcting the solder corrosion problem; Suggest flushing this system with water that meets specifications and install new recommended coolant; Lead from solder corrosion in the radiator is at a SEVERE level, which may restrict coolant flow and plug the system. Lead corrosion (solder bloom) may be from the radiator, heat exchanger, oil cooler, flux, and/or residual from a previous issue. 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. Resample in 60 days; Sample RUSHED per customer request.								

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	Potassium
1	14-Oct-2019	17-Oct-2019	0	103459	Unk	0	Unk	0	0	0	120	0	0	1		8	0	35	95	266	12	227	13

Visual Testing							
#	Foam	Color	Oil	Fuel	Magnetic Precipitate	Non-Magnetic Precipitation	Odor
1	None	Clear 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)	SCA Number	Carboxylic Acid (Pass / Fail)
1	-33	225	50	8.7	20	1100 - Strip	3100	1.1	

Additional Testing	
Sample #	Total Dissolved Solids (ppm)
1	1642

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

Historical Comments