



Advance
Fluid Management System

Coolant Analysis Report

North America: +1-866-341-4382

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information				Sample Information			
Account Number: MTU001-7777-3247 Company Name: TDW MARINE Contact: SPENCER MORRISON Address: 2001 SW 20TH ST FORT LAUDERDALE, FL US Phone Number: 954-233-0717		Component ID: 536106031 PORT COOL Secondary ID: Component Type: COOLANT - HYBRID EG USED Manufacturer: Information Requested Model: Information Requested Application: UNKNOWN System Capacity:				Tracking Number: 23136U77293 Lab Number: H-017672 Lab Location: Houston Data Analyst: JAS Sampled: 09-Jan-2025 Received: 17-Jan-2025 Completed: 22-Jan-2025			
		Miscellaneous Information				Product Information			
						Product Manufacturer: MTU Product Name: POWER COOL			
Comments	Coolant change is suggested if not done at sampling time. Consult Owner's Manual or engine OEM for correct coolant type when installing new coolant. The glycol level is too low for freeze point and boil point protection. This may be due to improper top off or dilution. 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. This sample has a cloudy appearance. 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. Please provide missing ENGINE MANUFACTURER and MODEL;								

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	09-Jan-2025	17-Jan-2025	0	3022	No	0	No	10	0	1	0	0	0	0	1	0	149	236	9	11	57	521

Visual Testing							
#	Foam	Color	Oil	Fuel	Magnetic Precipitate	Non-Magnetic Precipitation	Odor
1	None	Cloudy Green	None	None	None	Minor Sludge	Other

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	24	213	10	8.4	2	16 - Strip	9970	0.0	

Additional Testing	
Sample #	Total Dissolved Solids (ppm)
1	5284

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.