# TITAN<sup>™</sup> Universal Antifreeze & Coolant Prediluted 50/50



## TITAN™ Universal Antifreeze & Coolant Prediluted 50/50 is an

extended life, advanced **OAT** (organic acid technology) antifreeze/coolant that is compatible in all automobiles and light duty trucks including American, Asian, and European vehicles. It provides maximum temperature control and protection against rust and corrosion in engine cooling systems.

TITAN™ Universal Antifreeze & Coolant is free from Nitrites, Amines, Phosphates or Silicates (NAPS-Free) and does not use 2-Ethylhexanoic acid (2-EH) nor any other organic acids that are aggressive to hoses and gaskets.

#### About OAT

OAT or organic acid technology antifreezes/coolants provide superior, long-lasting corrosion protection to all components of the cooling system including metals such as aluminum and magnesium used in modern engines. OAT antifreezes/coolants do not require the old mineral based additives, alleviating the need for silicate compounds, further additive testing, and use of Supplemental Coolant Additives (SCAs).

OAT based formulas are now widely recognized by US car manufacturers as a preferred antifreeze technology for a wide range of modern engines.

Properties	Typical Values	Test Method
Specific Gravity, 68°F	1.061–1.091	ASTM D-1122
Boiling Point	226°F	
рН	8.0–9.0	ASTM D-1287
Foam (mil/sec)	150/5 max	ASTM D-1881
Total Water*, Wt. %	48% max	ASTM D-1123
Total Glycol, Wt. %	50% min	ASTM D-202
Total Inhibitors, Wt. %	2% min	
Color	Golden Yellow	

\* Deionized

PROTECTION CHART		
Concentration	50%	
Boiling Point <sup>†</sup>	265°F/129°C	
Freezing Point	-34°F/-37°C	

<sup>†</sup>Using conventional 15 psi radiator cap.

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The information in this document is subject to change without notification due to continuing research and development. It is intended only as guidance.

### With Advanced Temperature & Corrosion Protection



## **FEATURES**

- Compatible for use in all automobiles and light duty trucks
- Provides up to 150,000 miles or 5 years of maximum protection when a complete cooling system flush and fill is performed, along with the recommended scheduled maintenance
- Ready-to-use formula eliminates mixing errors and water quality issues that harm engines
- Can be used to top off coolant systems. Golden yellow color will not change existing antifreeze color.
- Formulated to meet ASTM D-3306

Formulated with bitterant agents to discourage ingestion by humans or animals.



