



# Universal Clear 50/50

## Universal Extended Life Coolant

### DESCRIPTION

Universal Clear 50/50 is an ethylene glycol-based high performance extended life universal coolant and antifreeze solution designed for heavy and light-duty vehicles running on diesel, passenger cars running on gaso-line, and industrial equipment. It offers superior protection against freezing, boiling, and corrosion, ensuring the optimal performance and longevity of engines and cooling systems. This coolant is formulated with advanced or-ganic acid technology (OAT) to provide extended service life.

### APPLICATIONS

- Automotive: Cars, trucks, motorcycles, and RVs.
- Heavy Duty: Construction and agricultural machinery.
- Industrial: Stationary engines, generators, and HVAC systems.

### BENEFITS

- Provides superior corrosion protection for all cooling system metals, including aluminum, steel, cast iron, copper, brass and solder alloys.
- All organic formulation provides total cooling system protection for 600,000 on-road miles without the use of supplemental coolant additives (SCAs).
- Compatible with most types of coolant technologies including conventional inorganic acid salt formulations, most straight organic acid (OAT) formulations, hybrid organic acid formulations (HOAT), nitrited OAT formulations (NOAT) and other multi-organic acid formulations.
- Much less sensitive to water hardness chemicals as well as contaminants such as motor oils.



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### TYPICAL PROPERTIES

TEST PARAMETER	METHOD	TYPICAL
Water concentration (wt%)	ASTM D1123	45%
Specific Gravity @ 15 °C	ASTM D4052	1.077
Freezing Point, °F	ASTM D3321	-40
pH	ASTM D1287	10.6
Color	Visual	Clear

Average values only. Minor variations are to be expected during normal manufacturing. Avoid prolonged exposure to sunlight; UV light may diminish color.

### MEETS:

- ASTM D3306
- ASTM D4985
- ASTM D6210
- TMC RP329, 338