



# HD Conventional

## Prediluted 50/50 Ethylene Glycol Heavy-Duty Pre-Charged Coolant

### Description

MAXTECH<sup>®</sup> HD Conventional antifreeze/coolant is fully formulated and ready to add to your vehicle's cooling system with no further dilution necessary. It is formulated with a heavy-duty additive package that contains the initial charge of supplemental coolant additive (SCA) and a minimum of 1200 ppm Nitrite (as NO<sub>2</sub>). It provides excellent protection from cavitation erosion/corrosion in water pumps and wet sleeve cylinder liners, as well as excellent overall corrosion protection for multi-metal systems.

This antifreeze/coolant includes ingredients to disperse minor oil leakage, prevent fouling, control hot surface scaling and it will not damage vehicle finishes or rubber parts.

In systems where coolant filtration is in place along with a formal monitoring and maintenance program, the coolant can provide up to 3 years/300,000 miles with the addition of heavy-duty supplemental coolant additive as needed. Monitoring and maintenance of the engine coolant should include regular testing at normal oil drain intervals.

### Benefits

- + Meets the performance requirements of ASTM D6210, ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, ASTM D2809, and TMC RP 329.
- + Works in all heavy-duty diesel and compressed natural gas engine cooling systems requiring conventionally inhibited HD coolants. Up to 12,000 hours/600,000 miles in well maintained systems.
- + Low silicate formulation meeting ASTM D4985.
- + Phosphate-free formula reduces the risk of hot surface scaling.
- + Ready-to-use
- + Green or purple color mixes well with other commercial HD conventional coolants.

Characteristic	Specification	Company Typical	ASTM Method
Chloride (ppm)	25 Max.	11	D3634
Specific gravity (60°F)	1.065 min	1.072	D1122
Boiling Point (50% V/V)	226°F/107°C min.	230**	D1120
Freezing Point (50% V/V)	-34°F/-36°C min.	-34	D1177
Effect on engine or vehicle finish	No effect	Pass	--
Ash content, mass %	2.5 max.	1.1	D1119
pH (50% V/V)	9.5-10.9	10.5	D1287
Reserve alkalinity*	None specified	4.0	D1121
Color	Distinctive	Green or Purple	--
Effects on Nonmetals	No adverse effect	Pass	--
Foaming	150 vol., 5 sec., max.	Pass	D1881

» **Recommended Test Strip:** Acustrip<sup>®</sup> 3001M

\*Reserve alkalinity (RA) is a value agreed between the customer and supplier. The RA listed above is the typical for the additive package being used.  
 \*\*Boiling point shown at atmospheric pressure. Add 40°F for 15 psi radiator cap.