



GLYECO
Innovative Green Chemistry



HD Conventional - Prediluted 50/50 Ethylene Glycol Heavy-Duty Pre-Charged Coolant

DESCRIPTION:

GlyEco 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 NO₂). 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, and ASTM D2809.
- Works in all heavy-duty diesel and compressed natural gas engine cooling systems requiring conventionally inhibited HD coolants.
- Low silicate formulation meeting ASTM D4985.
- Phosphate-free formula reduces the risk of hot surface scaling.
- Ready-to-use
- Pink/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	1.075	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	10.3	D1287
Reserve alkalinity*	None specified	4.0	D1121
Color	Distinctive	Pink/Fushia	--
Effects on Nonmetals	No adverse effect	Pass	--
Storage Ability	None specified	>1 years	--
Foaming	150 vol., max 5 sec., max	Pass	D1881

*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.

Used antifreeze in most states is not hazardous unless it contains more than 5 ppm of lead. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead, contact your local GlyEco office to schedule pick-up of the used antifreeze that will be destined for recycling to protect our environment.

Always check the vehicle manufacturer's recommendations or the owner's manual when servicing the cooling system, including coolant selection, top off, and maintenance. OEM coolants and colors can vary greatly. The color of this product is not intended to represent a chemical equivalent to the OEM coolant. This information was believed to be accurate at the time of printing. The test results listed are typical values only. The formula and blending procedures may result in slightly different values, color and/or appearance.