



## Global ELC - Prediluted 50/50 Ethylene Glycol OAT, Extended Life Coolant

### DESCRIPTION:

GlyEco Global ELC prediluted 50/50 coolant is designed for mixed fleet use. It can be used in both light-duty (cars, SUV's and light-duty trucks) and heavy-duty diesel cooling systems (on-highway or off-road). Global ELC meets the need for one product for busy shops that service multiple applications.

GlyEco Global ELC is formulated as a pure organic acid technology that does not contain any phosphate, silicate, borate, nitrate or nitrite. Additionally, Global ELC has a low reactivity which makes it less sensitive to contaminants such as motor oil, hard water compounds and other coolants. GlyEco Global ELC is compatible with all types of coolant technologies including conventional inorganic acid salt formulations, pure organic acid (OAT) formulations, hybrid organic acid formulations (HOAT), and nitrated OAT formulations (NOAT) formulations.

### BENEFITS:

- Meets the performance requirements of ASTM D6210, ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, and ASTM D2809.
- Compatible for use in gasoline engines and light and heavy-duty diesel-powered vehicles.
- In HD applications, it has up to 12,000 hour/600,000 mile longevity with the use an extender at half-life.
- In LD applications it will perform for up to 5 years/150,000 miles.
- Ready-to-use
- Yellow color is neutral and will not alter the original color of the coolant



CHARACTERISTIC	SPECIFICATION	COMPANY TYPICAL	ASTM METHOD
Chloride (ppm)	25 Max.	7	D3634
Specific gravity (60°F)	1.065 min	1.070	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)	8.0-9.0	8.5	D1287
Reserve alkalinity*	None specified	4.0	D1121
Color	Distinctive	Yellow	--
Effects on Nonmetals	No adverse effect	Pass	--
Storage Ability	None specified	>1 years	--
Foaming	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.