



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

### DESCRIPTION:

GlyEco Global Max ELC is a new generation of OAT (organic acid technology), extended life antifreeze designed for mixed fleet use. This is a premium product specifically designed to protect aluminum alloys being used in today's high-performance cooling systems. It is formulated to provide superior corrosion protection and durability under the more demanding conditions of higher combustion temperatures and cylinder pressures of the latest low emission engines. Formulated for heavy-duty diesel engine cooling systems (on-road or off-road) but can also be used in any light-duty (cars, SUV's and light-duty trucks) application.

GlyEco Global Max ELC is a pure OAT formulation that does not contain any conventional inorganic salts (free of nitrite, nitrate, silicate, phosphate and borate), amines or 2-ethylhexanoic acid. It provides outstanding cylinder liner cavitation/pitting protection, and is compatible with all types of antifreeze/coolant.

### BENEFITS:

- Meets the performance requirements of ASTM D6210, ASTM D7583, ASTM D3306, which include ASTM D1384, ASTM D4340, ASTM D2570, and ASTM D2809.
- Ready-to-use in any vehicle.
- Protects all system metals.
- Best compatibility with non-metals, including hoses, seals, and gaskets.
- In HD applications, performance beyond 12,000 hours/600,000 miles in well maintained systems.
- In LD applications it will perform for up to 7 years/175,000 miles with complete drain, flush, and refill.
- Yellow color is neutral and will not alter the original color of the coolant if topping off.
- Also available in red color.



CHARACTERISTIC	SPECIFICATION	COMPANY TYPICAL	ASTM METHOD
Chloride (ppm)	25 Max.	5	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)	8.0-9.0	8.5	D1287
Reserve alkalinity*	None specified	4.0	D1121
Color	Distinctive	Yellow or Red	--
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.