



# Imperial Extended-Life Antifreeze

## Heavy Duty Diesel & Gasoline All Season Coolant

**Description:** Imperial EXL engine coolant is a premium technology, silicate and phosphate free, ethylene glycol based antifreeze concentrate that contains a patented carboxylate inhibitor additive package, designed to produce an extended life coolant with an over-the-road expected life of 8 years or 750,000 miles. An approved Extender may be added at 500,000 miles to extend the useful life of Imperial Extended- Life Antifreeze to 1,000,000 miles.

**Performance:** Imperial EXL engine coolant meets ASTM D3306 D4340, D6210 and TMC RP 329, RP 351 (color). Is recommended for use in heavy-duty vehicles and stationary equipment including: Cat EC-1, Cummins, MAN, J.L. Case, Komatsu, International, GM, Waukesha, Volvo/ Mack, Paccar (Kenworth and Peterbilt), Ford, John Deere, New Holland and Freightliner for heavy-duty diesel long-life applications.

**Applications:** Imperial Universal EXL engine coolant is a concentrate designed to be compatible with and meet the specifications for most engine applications that require a "long life" antifreeze/coolant with carboxylate class of chemistry. It is not a pre-diluted product. Recommended for heavy-duty diesel, passenger cars and light commercial vehicle engines where enhanced protection against rust and corrosion is a requirement. It is also acceptable for use in aluminum heat-rejecting surfaces and cast iron engines.

### Typical Properties:

Appearance	Red
pH (50% Solution)	8.7
Freezing Protection, °C (F)	
50% (1 Part A/F 1 Part Water)	-37 (-34)
Boiling Point (ERBP)	325 °F
Water, Wt. %	5.0 Max.
Foaming Characteristics	
Inc. in Volume during Aeration, ml	50
Break Time, Sec.	3 Max.
Specific Gravity, 60/60 °F	1.136

**"Success is in the Details"**