



Imperial Sales Co.  
PO Box 2236, Dublin, CA 94568

## Imperial 50/50 Extended-Life Antifreeze

### Heavy Duty Diesel & Gasoline All Season Coolant

**Description:** A premium quality, silicate, nitrate, amine, borate and phosphate free, ethylene glycol based antifreeze blended with deionized water that contains a patented carboxylate inhibitor additive package, designed to produce an **Extended Life** product with an expected life of 5 years or 150,000 miles in automotive applications and 6 years or 300,000 miles in heavy-duty applications. An approved Extender may be added at 300,000 miles to extend the useful life of Imperial Extended-Life Antifreeze to 600,000 miles.

**Performance:** Meets ASTM D3306 D4340, E202, SAE J1034, Federal A-A-52624, A-A-870 & O-A-548 and General Motors 1825M as well as General Motors 6277-M. Also meets or exceeds FORD ESE-M 97B44D, ASTM D-4985, ASTM D-6210, SAE J1941, Cummins 90TB-4, General Motors 1899M, TMC RP329 and Caterpillar EC-1 for heavy-duty diesel long life applications.

**Applications:** *Imperial Universal 50/50EXL* engine coolant is a mixture of 50% ethylene glycol and 50% deionized water designed to be compatible with and meets the specifications for most automotive applications that require a "long life" antifreeze/coolant with the carboxylate class of chemistry. It is a pre-diluted product. Recommended for heavy-duty diesel, passenger cars and light commercial vehicle engines where enhanced protection is a requirement. It is acceptable for use in aluminum heat-rejecting surfaces and cast iron engines.

#### Typical Properties:

Appearance	Orange/Red
Freezing Protection, °C (F)	
50% (1 Part A/F 1 Part Water)	-34 (-37)
Silicate as Silicon	<125PPM
Chloride Ion	<20PPM
Total Glycol's, Wt. %	45.0 Min.
Water, Wt. %	55.0 Max.
Specific Gravity, 60/60 °F	1.06