



EXTENDED LIFE DIESEL COOLANT

Features

Irving **EXTENDED LIFE DIESEL COOLANT** meets or exceeds the following industry standards:

- ASTM D-3306, D-4340, D-4656, D-4985, D-5345
- Caterpillar EC 1 (EO 535, sections 2.3 to 4.5 inclusive)
- Cummins bulletin 3666132
- Detroit Diesel bulletin 7SE 298
- GM 1825M (Aluminum), 1899M (non-Aluminum)
- MAN 324 and TUC 1637/77
- Mercedes Benz DBL 7700
- MTU MTL 5048 (Series 4000-6000)
- Saab-Scania 6901
- SAE J1034, J1941
- Truck Maintenance Council RP 329
- VW

Benefits

- Maximum service life — 480,000km (300,000 miles) or 6,000 hours between changes
- Reduces maintenance down time
- Available pre-mixed with de-ionized water
- Continuous proven field performance

Irving **EXTENDED LIFE DIESEL COOLANT** is an advanced formulation intended only for diesel engine cooling systems. It uses ethylene glycol along with technologically advanced chemical additives to provide complete protection against corrosion and deposits in the cooling system for up to 5 times longer than regular antifreeze/coolants. This product should not be mixed with regular coolants, and is dyed yellow for easy identification.

Irving **EXTENDED LIFE DIESEL COOLANT** does not need an initial charge of Supplemental Coolant Additive (SCA). It is a fully-formulated product and will provide excellent service life up to 300,000 miles (480,000 km) or 6,000 hours service. At that time, it can be treated with SCA, which will allow the product's life to be extended even further. This product is compatible with all standard SCA's packages.

Irving **EXTENDED LIFE DIESEL COOLANT** is phosphate-free and amine-free, and is low in silicates. It is compatible with hard water although de-ionized water will always give the best results.

Never use pure antifreeze: Glycols give their best freeze and boil-over protection when mixed with water. Irving Oil recommends distilled or de-ionized water for best system protection. Most tap and well water contains impurities that will immediately tie-up some of the corrosion and deposit-protection additives in the coolants. Softened water can also contain unacceptable levels of chlorides. A 50/50 mix with distilled or de-ionized water is suitable for most uses.

For maximum convenience, Irving **PRE-MIXED EXTENDED LIFE DIESEL COOLANT** is a 50/50 blend with de-ionized and filtered water.

For similar extended-life protection in gasoline engine cooling systems, use Irving **EVERTECH** antifreeze.



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Typical Performance Results

COLOUR	YELLOW
SPECIFIC GRAVITY @ 15.6°C	1.13
FREEZE PROTECTION (°C)	
40% CONCENTRATION	-24
50% CONCENTRATION	-37
60% CONCENTRATION	-52
pH (50% CONCENTRATION)	8
RESERVE ALKALINITY (D-1121)	6
FOAM VOLUME (mL) (D-1881)	50 max
FOAM BREAK TIME (secs) (D-1881)	5 max
FLASH POINT (°C) (D-92)	116
ASH (% wt.) (D-1119)	5 max
CHLORIDE (ppm) (D-3634)	25 max
SILICON (ppm)	185 max

Available Package Sizes

EXTENDED LIFE DIESEL COOLANT

- 20 L (5.28 US gal.) Pail
- 205 L (54.2 US gal.) Drum

PRE-MIX EXTENDED LIFE DIESEL COOLANT

- 210 L (55.5 US gal) Drum

