



EVOLUTION ANTIFREEZE/COOLANT

DESCRIPTION

EVOLUTION ANTIFREEZE/COOLANT is a fully formulated ethylene glycol based antifreeze/coolant that protects your vehicle in even the harshest conditions. Evolution works to protect your vehicle against freeze-up, boil-over, rust, and corrosion under extreme conditions. Specially formulated for extended life, Evolution delivers an expected service life of 500,000 kilometers or 7,000 hours, which can be extended to 1,000,000 kilometers and 14,000 hours with TOP 1 Performance Extender.

Evolution Antifreeze/Coolant is formulated with Hybrid Organic Acid Technology (HOAT), an advanced extended life formula that makes this product compatible with all types of conventional and extended life antifreeze/coolants.

Evolution protects your vehicle against freezing down to -45°C. The product also features a complete range of inhibitors that protect all cooling system metals. Also, Evolution will not result in damage to your auto's finish or rubber parts.

FEATURES AND ADVANTAGES

- ASTM D3306 (automotive/light-duty)
- ASTM D4985 (heavy-duty diesel/low silicate)
- ASTM D6210/11 (fully formulated and precharged)
- TMC of ATA RP329/338
- GM 6277M
- Ford ESE M97B44-A; WSE M97B44-B, D & E1/E2; WSSM97B51-A1
- Chrysler MS9769
- MTU MTL 5048, MTL 5049
- Catepillar EC-1; ELC (with the addition of molybdate per specification)
- Cummins CES14603 (as found in service bulletin 3666132-02)
- Detroit Diesel 7SE298
- DDC Powercool Plus; Powercool Plus 6000
- Navistar/Iterational B-1, Type III (CEMS B-1), with the addition of molybdate

TYPICAL SPECS

	ASTM TEST	
Chloride	D3634	25 ppm, max.
Specific Gravity, 15.6/15.6 °C	D1122	1.110 – 1.125
Nitrite	D5827	2400 ppm min.
Boiling Point, undiluted	D1120	162°C min.
Boiling Point, 50% V/V	D1120	107°C min.
Freezing Point, 50% V/V	D1177	-36°C min.
Effect on engine or vehicle finish		No effect
Ash content, mass %	D1119	2.5 max.
pH, 50% V/V	D1287	9.5 – 10.5
Reserve alkalinity	D1121	6 min.
Water mass %	D1123	2.8 max.
Color		Red
Effect on nonmetals		No adverse effect
Stage stability		> 1 year
Foaming	D1881	150 mi vol., max. ; 5 sec. break, max.
Product Number:		
4x4kg (1 gallon)		11006