



OUR BUSINESS IS HEAVY DUTY LUBRICANTS

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PRODUCT SPECIFICATIONS & TECHNICAL DATA

MAGIC GLOBAL EXTENDED LIFE ANTI-FREEZE + COOLANT 50/50 PREDILUTED READY TO USE (Ethylene Glycol Based)

MAGIC GLOBAL Anti-Freeze/Coolant is specifically formulated and recommended for all cars worldwide and light duty trucks with conventional, aluminum and brass radiators. This anti-freeze meets factory requirements for GM, Chrysler, Ford, European and Asian cars, regardless of year, make or model and original anti-freeze color.

- Poly-Organic/Multi-Organic additive package
- Extended rust and corrosion protection
- It contains no phosphate, silicate, borate, nitrite or 2-ethylhexanoic acid.
- Outstanding high temperature aluminum protection
- Excellent heat transfer properties
- Extends water pump life
- Unsurpassed freeze-up and boil-over protection
- Compatible with all conventional & extended life anti-freeze including DEXCOOL ELC
- 5 year / 300,000 mile protection when cooling system is completely flushed and filled with MAGIC GLOBAL Extended Life Anti-Freeze / Coolant
- Can be used to top-off any color of automotive anti-freeze including green, yellow, orange, red, blue and pink)
- Amber color will not change the current anti-freeze color when used for topping-off
- Meets ASTM D-3306, ASTM D-4340, ASTM D 4985, ASTM D 6210/11, TMC of ATA RP329/330/338

CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES	ASTM TEST METHOD
SPECIFIC GRAVITY AT 60 / 60° F	1.120-1.130	D 1122
BOILING POINT REFLUX	270° F MIN (with 15# pressure cap)	D 1120
FOAM TEST	50 ml / 3 SEC MAX	D 1881
pH 50% VOLUME SOLUTION	7.5 MIN-10.0 MAX	D 1287
FLASH POINT COC	250° F MIN	D 92
TOTAL WATER, Wt %	50% MAX	D 1123
TOTAL GLYCOLS, Wt %	50% MIN	E 202
COLOR	Amber	

AUTOMOTIVE ANTI-FREEZE SPECS

Recommended for Automobiles with the following Anti-Freeze Specifications:

* ANFOR R 15-601 * GM 1825M * BS 6580 (British Standard) * GM 6277M (Dex-Cool® Spec) * SAE J1034
 * Chrysler MS7170 * Chrysler MS9769 * JASO M325 (Japan) * Ford ESE-M97B44-A * JIS K 2234 (Japan)
 * Ford WSS-M97B44-D * Ford WSS-M97B51-A1 * Mercedes Benz DBL 7700 * FVV HEFT R443 (Germany)

PROTECTION CHART – (°F) *Using a 15 lb. pressure cap
Concentration 100% - Boiling Point 265°F - Freezing Point -34°F