



The First in Synthetics®

AMSOIL Antifreeze & Engine Coolant

Safe, Universal Propylene Glycol Antifreeze

Product Description

AMSOIL Antifreeze & Coolant (ANT) is formulated to provide benefits far beyond those found in today's conventional antifreeze and coolant products. This revolutionary formulation provides maximum antifreeze and cooling protection in the most extreme temperatures and operating conditions. And unlike conventional ethylene glycol-based products, which are highly toxic and even fatal, AMSOIL Antifreeze & Coolant is formulated with propylene glycol. It is biodegradable and requires no special disposal costs or procedures in most areas. Above all, its low toxicity limits the threat to children, pets or wildlife.

AMSOIL Antifreeze & Coolant provides even greater benefits:

Lasts Longer

AMSOIL Antifreeze & Coolant contains a proprietary poly organic acid technology. It eliminates the need for supplemental coolant additives and recharging cooling systems. AMSOIL Antifreeze & Coolant provides extended service life in all gasoline and diesel vehicles. It can be used for seven years or 250,000 miles in passenger cars, light-duty trucks, vans and recreational vehicles. It lasts seven years or 750,000 miles in over-the-road diesel trucks. Also for motorcycles, ATVs, snowmobiles and closed marine applications. AMSOIL Antifreeze and Engine Coolant lasts longer than conventional products.

Compatible With Other Fluids

AMSOIL Antifreeze & Coolant is dyed neutral yellow and is compatible with all ethylene and propylene antifreeze and coolant formulations on the market, including DEX-Cool®, Sierra® and Zerex®. It is also compatible with fully formulated diesel anti-



freezes and other organic acid technology (OAT) and hybrid organic acid technology (HOAT) formulations.

Stops Leaks

AMSOIL Antifreeze & Coolant adheres to metal. It self-seals hairline cracks in welds and seams to prevent leaks, without additional stop-leak products or fibrous materials.

Protects Against Metallic Corrosion

Independent tests reveal AMSOIL Antifreeze & Engine Coolant surpassed standards for metallic corrosion. It plates metal to protect even when exposed to acids and salt spray. Standard allowances for loss in aluminum and solder are less than 60 mg. AMSOIL Antifreeze & Engine Coolant lost 0 mg in aluminum and less than 6 mg in solder.

Standards for iron, steel, copper and brass allow a maximum loss of less than 20 mg. AMSOIL Antifreeze & Engine Coolant never exceeded a 3 mg loss in any of those metals in a testing period that was run for 10 weeks, three weeks longer than required tests.



ANTIFREEZE & ENGINE COOLANT

- *Formulated for heavy-duty and automotive applications*
- *Good for motorcycles, ATVs, snowmobiles and some marine applications*
- *Extended drain intervals*
Up to seven years or 750,000 miles in Class 8 vehicles
Up to seven years or 250,000 miles in pleasure vehicles
- *Universal compatibility*
- *Safe, biodegradable, non-toxic, non-polluting*
- *Aluminum engine block compatible*



AMSOIL Antifreeze & Engine Coolant (ANT)

Meets Automotive and Heavy-Duty Service Specifications:

- ASTM D-6210 • ASTM D-3306
- ASTM D4985-98 • ASTM D 6210-98

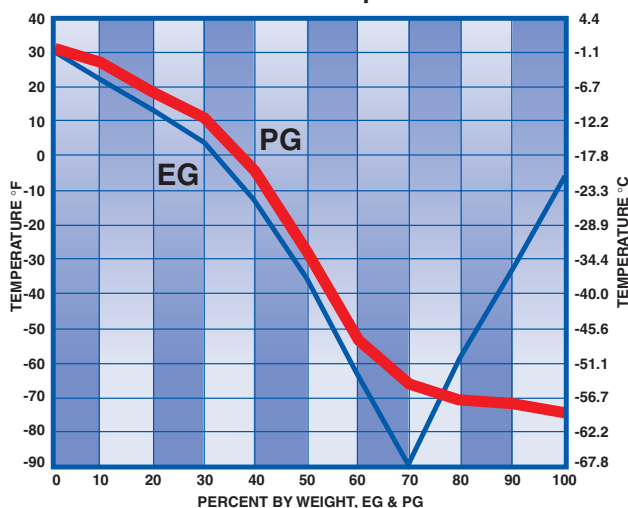
Composition by Weight:

Total glycols, ≥ 92 percent;
Corrosion inhibitors and antifoamants,
= 3 percent; Water, > 5 percent

Boiling Point (sea level):

219° F at 40 percent concentration,
222° F at 50 percent,
225° F at 60 percent;
increase by 40° to 45° F if a 15 psi
radiator cap is used

Freeze Protection Comparison Chart



| Cooling System Capacity | ANTIFREEZE PROTECTION CHART (°F) | | | | | | | | | | | |
|-------------------------|--|------|------|------|------|------|------|------|------|------|--|--|
| | Quarts Required for Low-Temperature Protection | | | | | | | | | | | |
| QUARTS | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| 9 | 5° | -15° | -43° | -76° | | | | | | | | |
| 10 | 10° | -4° | -26° | -54° | -76° | | | | | | | |
| 11 | 12° | 0° | -14° | -40° | -60° | | | | | | | |
| 12 | 14° | 5° | -8° | -28° | -51° | | | | | | | |
| 13 | 15° | 8° | 0° | -14° | -44° | -61° | -76° | | | | | |
| 14 | 17° | 10° | 3° | -8° | -28° | -44° | -60° | | | | | |
| 15 | 18° | 12° | 5° | -4° | -14° | -35° | -54° | -76° | | | | |
| 16 | 19° | 14° | 9° | 1° | -9° | -28° | -44° | -60° | | | | |
| 17 | 20° | 16° | 11° | 3° | -2° | -15° | -31° | -60° | | | | |
| 18 | 21° | 17° | 12° | 5° | 0° | -13° | -26° | -33° | -53° | -76° | | |
| 19 | | 18° | 13° | 7° | 2° | -10° | -20° | -32° | -50° | -60° | | |
| 20 | | | 14° | 9° | 3° | -6° | -15° | -26° | -33° | -54° | | |
| 21 | | | 15° | 12° | 5° | 0° | -10° | -22° | -32° | -51° | | |
| 22 | | | 16° | 13° | 8° | 3° | -5° | -10° | -28° | -33° | | |
| 23 | | | 17° | 13° | 10° | 4° | -3° | -8° | -22° | -32° | | |

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

