



## MANNOL Antifreeze AG13 (-40) Hightec 4013

Carboxylate (organic-OAT Organic Acid Technology) ready-made solution (which does not require dilution and protects the car cooling system at temperatures down to  $-40^{\circ}\text{C}$ ), designed for year-round use in any modern cooling systems for which the use of ethylene glycol-based antifreezes is recommended.

Provides reliable protection for any cooling system.

Product properties:

- Provides reliable protection of metals and alloys (brass, copper, alloy steel, cast iron, aluminum) from all forms of corrosion, and also prevents high-temperature corrosion of aluminum surfaces of modern engines;
- It has outstanding thermal stability. Protects from a scum;
- It has excellent thermal conductivity and resistance to foaming;
- Neutral to gaskets and hoses, compatible with all types of rubber and plastic parts of the cooling system;
- It has excellent hard water resistance and very low corrosion inhibitor depletion rates;
- Highly effective carboxylate additive package (OAT), provides exceptional stability in the performance properties of antifreeze throughout the entire service life
- Has an extended service life in cooling systems: cars - up to 250 thousand km; commercial vehicles - up to 500 thousand km; stationary engines - up to 6 years.

Recommended for engines requiring improved heat dissipation: highly accelerated engines, turbocharged engines and cooling systems of modern commercial vehicles.

Colour: green.

Service life: not less than 5 years.

Follow the manufacturer's instructions in the instruction manual!

SAE J1034  
 AFNOR FRANCE NF R15-601  
 ASTM USA D3306  
 ASTM USA D4340  
 ASTM USA D4985  
 BSI GB BS 6580:2010  
 NATO S-759  
 BMW GS 94000  
 CHRYSLER MS-7170  
 DEUTZ DQC CA-14  
 FORD ESE-M978B4H-A  
 FORD AF Plus  
 GM 1825 M  
 GM 1899 M  
 MAN 324 Typ NF  
 MB 325.0  
 MINI GS 94000  
 MTU MTL 5048  
 OPEL GME L1301  
 OPEL GM QL130100  
 VAUXHALL GME L1301

## PACKAGING

5L	MN4013-5	Plastic	
1000L	MN4013-IBC	Pallet tank	
208L	MN4013-DR	Drum	
60L	MN4013-60	Drum	
20L	MN4013-20	Plastic	
10L	MN4013-10	Plastic	
1L	MN4013-1	Plastic	20 pcs/box