



## Wolver AntiFreeze & Coolant Ready to Use WG12+

### VERPACKUNG

208 L | 10 L | 5 L | 1.5 L

**AntiFreeze & Coolant WG12+ Ready to Use** is based on 1.2-ethanediol (mono-ethylene glycol), radiator protection and heat exchanger agent for operation both, summer and winter with permanent frost and rust protection (for all-season use).

**AntiFreeze & Coolant WG12+ Ready to Use** has been developed with high quality corrosion additives for motor and cooling system, and meets the current standard in the development of engine-building.

**AntiFreeze & Coolant WG12+ Ready to Use** is free of nitrides, amines, phosphates and silicate. Contains a fluorescent dye to detect antifreeze leaks with UV light.

### SPECIFICATIONS: WG12+

MEETS THE REQUIREMENTS OF:  
ASTM D3306 / D4656 / D4985,  
SAE J1034, AFNOR NF R 15-601, BS 6580,  
VW TL 774-D/F (G12+),  
FORD WSS M97B44-D,  
GM/Opel 6277 M, GM B0401065,  
Mitsubishi 0103044,  
Toyota 00272-1LLAC,  
Volvo, MTU MTL 5048  
MAN 324 SNF (bei Verwendung  
mit schwarzen Kühlmittelschläuchen, nicht  
für Silikon Kühlmittelschläuche - blaue  
Farbe),  
MB 325.3, PORSCHE

### ***Characteristics***

- Longer and outstanding corrosion protection
- Improved heat transfer
- Decreased right to compensation regarding repairs at the cooling system
- Suitable for mixed fleets, one product for cars, trucks and construction machinery
- Ecologically desirable because of longer working life
- Avoidance of foaming

- Compatibility with hose and sealing materials
- Compatibility with varnishes

### **Usage**

**WOLVER Antifreeze & Coolant WG12+ Ready to Use** is excellently suitable for motors being made of cast iron, aluminium or of a combination of both the metals and at cooling systems being made of aluminium or copper alloyage.

**WOLVER Antifreeze & Coolant WG12+ Ready to Use** is especially recommended for light run motors where a special aluminium protection at higher temperatures is required.

Use-duration:

Commercial vehicles to 500.000 km (ca. 8.000 hours)

Passenger cars to 250.000 km (ca. 2.000 hours)

Stationary engines to 32.000 hours (or 5 years)

It is recommended, the coolant of radiators , to change all 5 years at the earliest, or if necessary with the achievement of the named stand-times.

### **Miscibility**

**WOLVER Antifreeze & Coolant WG12+ Ready to Use** can be mixed with the most of the coolants based on ethylene glycol.

To achieve an optimal corrosion protection and to avoid sludge formation it is recommended to use pure **WOLVER Antifreeze & Coolant WG12+ Ready to Use**. For the preparation of mixtures softened water should be preferred.

### **Data table**

PROPERTIES	UNIT	TYPICAL INDICATORS
Relative density at 15.6 °C	kg/m <sup>3</sup>	1072
pH	-	8.6
Freezing point	°C	-38
Colour	-	red