



Wolver AntiFreeze & Coolant Concentrate WG12+

VERPACKUNG

208 L | 60 L | 5 L | 1.5 L

AntiFreeze & Coolant WG12+ Concentrate - is a concentrate 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+ Concentrate - 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+ Concentrate - 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 / 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 WG12+ Concentrate 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 WG12+ Concentrate is especially recommended for light run motors where a special aluminium protection at higher temperatures is required.

Recommended working concentration 50 % **WOLVER AntiFreeze WG12+ Concentrate** and 50% water, radiator protection up to -37 °C can be achieved. Antifreeze protection down to -68°C is possible with a maximum of 69% **WOLVER AntiFreeze WG12+ Concentrate** and 31% water.

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 WG12+ Concentrate 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 WG12+ Concentrate**. For the preparation of mixtures softened water should be preferred.

Data table

PROPERTIES	UNIT	TYPICAL INDICATORS
Relative density at 15.6 °C	kg/m ³	1119
pH value 50% vol aqueous solution	-	8.7
Freezing point 50% vol aqueous solution	°C	-38
Colour	-	red