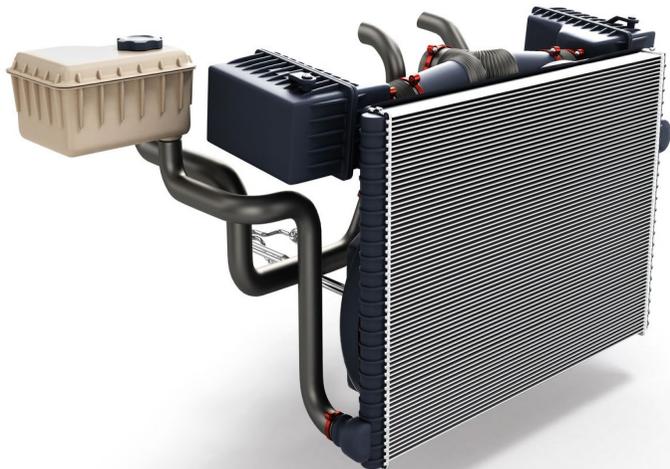




is a German brand
for cooling and climate
system components.

The coolXpert range covers more than 8000 part numbers and includes cabin filters, thermostats, AC compressors and dryers, radiators, intercoolers and oil coolers, cooling fan units, expansion tanks, water pumps, water hoses and pipes, sensors, control units, heat exchangers...
and so much more.



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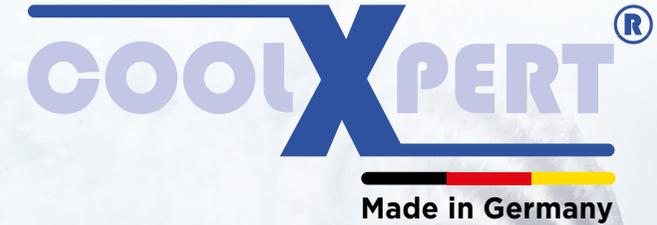
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Catalogue data

We are a TecDoc data supplier and you will find our products in the TecDoc catalogue.



Company:



Coolant with
freeze and corrosion
protection



Antifreeze

Bilder: © Bundesarchiv Bild 183-2004-0729-508, Berlin, Mann kühlt Auto mit Wasser, Scherif: Hitzetag in Berlin; Juni 1935;
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Coolant Function and composition

Coolant protects against frost, corrosion and cavitation as well as overheating and lubricates the individual components of the cooling system.

Basically, the coolant has the task to absorb engine heat and circulates through the radiator to cool down.

Equally as important in cold regions or winter months the cooling system has complete protection from freezing. The coolant also provides corrosion protection and reduction of cavitation by vapour bubble formation.

The Coolant is a mixture of water, ethylene glycol and various additives, e.g. silicates, antioxidants, anti-foaming agents and bitter substances. The coolant comes in different colour shades to identify the various types.

Glycol keeps hoses as well as seals supple. Glycol has a lubricating effect and increases the boiling point of the coolant. In addition, the freezing point is lowered significantly.

Silicates form a protective layer on metal surfaces and prevent amongst other things lime scale deposit.

Antioxidants even reduce or prevent the corrosion of components.

Like engine oil, the coolant also contaminates over time and loses its desired properties.

Parts of the additives in the water are 'used up' therefore the coolant should be regularly checked for its quality and renewed if necessary.

With regard to the specification of the coolant, the dilution ratio and the replacement interval, please always adhere to the specifications of the vehicle manufacturer.



- **Our products comply with the latest standards of the German automotive industry**
- **Get all of your coolant supply from one source**
- **We offer high availability and competitive prices**

Program:

coolXpert cXt 11

is a radiator corrosion inhibitor and antifreeze agent for modern water-cooled internal combustion engines. It contains no nitrites, amines and phosphates. coolXpert cXt 11 offers year round frost and corrosion protection for trouble-free operation. The coolant protects coolant hoses and cylinder head gaskets. It is also safe to use in engines with aluminum cylinder heads and radiators.

coolXpert cXt 11b

is an economical radiator corrosion inhibitor and antifreeze concentrate for water-cooled internal combustion engines. It contains no nitrites, amines and phosphates. coolXpert cXt 11b offers year round frost and corrosion protection for trouble-free operation. The coolant protects coolant hoses and cylinder head gaskets.

coolXpert cXt 12

is a radiator coolant based on ethylene glycol, free of potentially harmful substances such as nitrites, amines and phosphates. It provides year round, maintenance-free, frost and corrosion protection throughout the engine's life.

coolXpert cXt 12+

is a radiator coolant based on ethylene glycol, free of potentially harmful substances such as nitrites, amines and phosphates.

coolXpert cXt 13

is a premium radiator coolant based on ethylene glycol with highly effective inhibitors combining OAT and silicate technology as well as high-performance additives. For maximum durability and optimum protection.

coolXpert cXt 30

is a radiator coolant based on ethylene glycol, free of potentially harmful substances such as nitrites, amines, borates and phosphates.

coolXpert cXt 40

is an ethylene glycol-based radiator coolant for maximum durability and optimum protection from the combination of OAT + silicate technology (Si-OAT coolant).

coolXpert cXt 40 Premium

is an ethylene glycol-based radiator coolant for maximum durability and optimum protection from the combination of OAT + silicate technology (Si-OAT coolant).

coolXpert cXt 48

offers year round, maintenance-free frost and overheating protection due to a higher boiling point. The coolant protects coolant hoses and cylinder head gaskets.

coolXpert cXt 48 Premium

offers year round, maintenance-free frost and overheating protection due to a higher boiling point. The coolant protects coolant hoses and cylinder head gaskets.