

# Technical Data Sheet

## Antifreeze Concentrate MS-G12+ Pro

### Description:

Antifreeze Concentrate MS-G12+ Pro is a concentrated Monoethylene Glycol based coolant, in combination with the organic additive package (OAT), intended for the protection of cooling systems of motor vehicles, which must be diluted with water before use.

### Application:

Antifreeze Concentrate MS-G12+ Pro is suitable for use in open and closed cooling systems. It provides maximum protection from freezing in winter and from overheating in summer. It provides improved protection against corrosion of all metal parts, especially aluminium part and it is compatible with elastomers. It prevents formation of foam and deposits. It guarantees improved heat transfer, providing increased engine flexibility and maximum reliability to users. It does not contain nitrites, amines, phosphates. It meets the highest requirements in terms of corrosion protection in thermally highly loaded engines made of steel and aluminium.

A special additive package provably provides extended coolant drain interval of at least 3 years or 120,000 km.

### Performance Benefits:

- Extended drain interval, at least 3 years;
- Limited loss of corrosion inhibitors - less than 10%, provides maximum corrosion protection of all parts of the engine and of the cooling system of the vehicle;
- Protection of aluminium and aluminium parts, fittings, hoses and plastic parts of refrigerators;
- Provides maximum reliability to users;
- New technology guarantees improved heat transfer.

### Instruction for use:

The cooling system should be completely emptied, flushed and filled with a mixture of distilled water and AC Antifreeze Concentrate MS-G12+ Pro according to the table of dilution ratio below:

Volume Water Dilution		Solidification Point °C
Antifreeze Concentrate MS-G12+ Pro	Water	
1	1	-36

### Physical and Chemical Characteristics:

Antifreeze Concentrate MS-G12+ Pro 100% Nitrites, amines, phosphates, silicates none.

Colour red or violet.

Specific Gravity, 20°C 1.112 typ.

Boiling Point 160°C typ.

### Meets the technical requirements of the following standards:

Long-life-G12+, ASTM D 1384; TL 774- D, TL 774- F; STN 66 8910.

### Meets the requirements of the following specification:

Porsche / VW/ AUDI/ Seat/ Skoda TL 774 F, MB 325.3, Ford ESE M97B49-A, Renault 41-01-00, Ford WSS-M97B44-D, MAN 324 SNF, Chrysler MS 9176, VOLVO (Reg. N o 260), Deutz /mwn 0199-2091 2 Auflage (C.W.), FORD ESD M97 B49-A, OPEL GM QL 130100, John Deere H 24 B1 and C1

### Packages:

Different options are possible.

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