

# **Driver Antifreeze NF**

Radiator protection concentrate Colour: blue

## **Description:**

**Driver Antifreeze NF** is a full concentrate radiator protection based on Monoethylene glycol for operation in summer and winter, with frost and rust protection effect (all-year operation).

**Driver Antifreeze NF**, the high-performance corrosion antifreeze protection for motors and cooling systems meets the modern demands of the development in motor construction.

**Driver Antifreeze NF** is free of nitrites, amines and phosphates.

#### **Properties:**

- Protection against corrosion for all parts of the cooling system made of the materials steel, gray iron, aluminium, copper, brass, soft solder.
- Avoidance of cavitation damages, such as on the collant pump
- Compatibility with varnishes
- Compatibility with hose and sealing materials
- Avoidance of sediments, which can cause radiator plugging
- Avoidance of foaming

#### **Application:**

**Driver Antifreeze NF** is because of its specially used additives excellently suitable for aluminium, light alloy and gray iron motors (please observe manufacturer's service instructions).

Recommended working concentration 50 % **Driver Antifreeze NF** and 50% water, by which a radiatior protection up to about -38 °C can be achieved. Antifreeze protection down to -69°C is possible with a maximum of 68% **Driver Antifreeze NF** and 32% water.

Depending on the type and the manufacturer's instructions the contents of the cooling system shall be replaced every 2 to 3 years.

### Suitable for/ we recommend this product for:

| We recommend this product for: |                    |  |
|--------------------------------|--------------------|--|
| AFNOR                          | NF-R 15-601 Type 1 |  |
| AS                             | 2108               |  |
| ASTM                           | D 3306, D 4985     |  |
| BS                             | 6580               |  |
| CUNA                           | NC 956-16          |  |
| JIS                            | K 2234             |  |
| ÖNORM                          | V 5123             |  |
| SAE                            | J 1034             |  |
| UNE                            | 26-361             |  |

## Miscibility:

Driver Antifreeze NF 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 Driver Antifreeze NF. For the preparation of mixtures softened water should be preferred.

Data are subject to change. Attention: Service instructions should be observed!

| Driver Antifreeze NF |                |         |  |  |
|----------------------|----------------|---------|--|--|
| Article No.          | Packaging unit |         |  |  |
| 1410 042             | Can            | 1 L     |  |  |
| 1410 043             | Can            | 1500 ml |  |  |
| 1410 044             | Can            | 5 L     |  |  |
| 1410 045             | Can            | 20 L    |  |  |
| 1410 046             | Drum           | 60 L    |  |  |
| 1410 048             | Drum           | 200 L   |  |  |
| 1410 049             | PE-Container   | 1000 L  |  |  |

| Typical characteristics:          |            |               |
|-----------------------------------|------------|---------------|
| Specific weight at 20°C           | kg/m³      | 1.110 - 1.140 |
| Flash point COC                   | °C         | >120          |
| Boiling point                     | °C         | 165           |
| pH-value                          | (33 Vol.%) | 7,5-8,5       |
| Water content                     | %          | <5            |
| Foam behaviour                    |            | corresponds   |
| Pour point antifreeze/water=1:1°C |            | -38           |
| Colour                            | blue       |               |

