

COOLELF AUTO SUPRA -26°C



COOLELF AUTO SUPRA -26°C is a «very long life» coolant based on monoethylene glycol and **organic corrosion inhibitors**.

COOLELF AUTO SUPRA -26°C is a cooling liquid, that can be used in all cooling systems of combustion engines in cars, vans, trucks, buses, constructing machines and agricultural tractors.

In accordance with French Decree No. 95-326 of 20th March 1995 concerning the distribution of certain substances containing monoethylene glycol, **COOLELF AUTO SUPRA -26°C contains an additive to give it a bitter taste** as a guarantee against accidental ingestion by children or users.

COOLELF AUTO SUPRA -26°C is the **top-of-range product** of our cooling liquid range.

APPLICATIONS

Protection against freezing
(until -26°C)

- COOLELF AUTO SUPRA -26°C is a permanent coolant that can be used during the whole year.

Longer life

- COOLELF AUTO SUPRA -26°C is ready for use, as a mix with demineralised water.

- COOLELF AUTO SUPRA -26°C can be used for cast iron as well as aluminium engines, and also in engine radiators in aluminium or copper alloy.

Environment

- **Recommended oil change interval:**
 - 650,000 km/8000 hours/5 years when used in trucks
 - 250,000 km/5 years when used in cars.

All antifreezes and coolants based upon monoethylene glycol are regarded as special industrial wastes and must be disposed of in approved centres for environmental reasons.

CUSTOMER BENEFITS

Very long-term protection
against metals corrosion

- Excellent protection against corrosion, erosion, and cavitation, for aluminium water pumps.

No formation of deposits
left surfaces clean

- Heat transfer remains optimised: **wholly organic additives allow avoiding any formation of deposits and left surfaces clean.**

Protection of aluminium at
high temperature

- The additives in COOLELF AUTO SUPRA -26° give to the coolant:
 - **Chemical neutrality** (pH 7-8.5),
 - **A reserve of alkalinity** to neutralise the acids resulting from the combustion gases,
 - **Resistance to foaming** (mainly instability of the foam that might form)
 - **Compatibility with hard water (maximum 40°F).**

- COOLELF AUTO SUPRA -26° contains no silicates, phosphates, chromates, nitrites or boron.

- COOLELF AUTO SUPRA -26° is inert to elastomeric seals and paints.

SPECIFICATIONS

AFNOR NFR 15-601
ASTM d 3306
ASTM D 4656
ASTM D4985
BS 6580

● **COOLELF AUTO SUPRA -26°** meets the international specifications for antifreezes as well as those of major manufacturers.

● The antifreeze used in **COOLELF AUTO SUPRA -26°C** is officially approved by the following manufacturers:

- **AUDI**
- **DAIMLER CHRYSLER :**
 - Aprox. page 325.3 (antigel)
- **DEUTZ**
- **DEUTZ / MWM**
- **FORD**
- **MAN 324 SNF**
- **SEAT**
- **SKODA**
- **VW TL 774D**

● **COOLELF AUTO SUPRA -26°C** has been acknowledged as satisfactory for use in their engines by the following manufacturers:

- **JAGUAR**
- **LEYLAND TRUCKS**
- **OPEL-GM 6277M**
- **RENAULT VI**
- **SCANIA**
- **SAAB**

CHARACTERISTICS OF COOLELF AUTO SUPRA -26°C

CHARACTERISTICS	METHODS	COOLELF AUTO SUPRA -26°C
Colour		Pink to fluorescent orange
Density at 15°C	ASTM D1122	1.053
PH	ASTM D1287	8.6
Alkalinity reserve (pH 3.5)	GFC Pr L-110-03	2.2 ml HCl 0.1N
Temperature at which the first ice crystals occur	ASTM D1177	-27°C
Boiling temperature	ASTM D1120	106°C

The typical characteristics mentioned represent mean values