

COOLING POWER



COOLING POWER is an antifreeze based on monoethylene glycol and selected organic inhibitors (OAT), and contains no amines, nitrites or phosphates.

COOLING POWER antifreeze, when mixed with an appropriate quantity of water, becomes a coolant fluid recommended for all cooling circuits in internal combustion engines.

COOLING POWER represents an excellent quality/price ratio in our range of antifreeze.

APPLICATIONS

Diluted in demineralised or softened water

Minimum 33%

Lifetime

Environment

● **COOLING POWER** is used diluted in demineralised or softened water and forms a **permanent cooling fluid** that can be used throughout the year.

● To obtain a coolant perfectly mixed, it is recommended to **mix mechanically** the antifreeze with the water.

● The protection against freezing depends upon the proportion of **COOLING POWER** in the water.

% volume of COOLING POWER	33	40	50	68
Temperature at which first crystals appear, °C (NFT 78 102)	-20	-26	-37	-69

These are mean values provided for indicative purposes only

● **Recommended oil change interval:**

It is recommended that the coolant fluid should be replaced **every year**.

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

Protection against corrosion of metals

Excellent quality/price ratio

● **COOLING POWER** performs well in the corrosion tests required by the specifications: hot plate and *glassware* corrosion.

● The additives in **COOLING POWER** give the coolant fluid:

- A **reserve of alkalinity** (to neutralise the acids resulting from the combustion gases).
- A **resistance to foaming** (mainly instability of the foam that might form).
- A chemical neutrality (PH 7-8.5)

● The coolant fluids obtained by diluting **COOLING POWER** are also inert to elastomeric seals and paints.

SPECIFICATIONS

AFNOR NFR 15-601
BS 6580
ASTM Standards

- **COOLING POWER** meets the principal *international specifications* for antifreezes

CHARACTERISTICS OF COOLING POWER

The typical characteristics mentioned represent mean values

Colour	Visual	Fluorescent Yellow
Specific gravity at 20 °C	ASTM D4052	1.117
Alkalinity reserve (pH 5.5)	ASTM D 1121	6.5ml HCl 0.1N
Temperature at which crystals appear, 50% dilution by volume.	ASTM D1177	-37°C