

COOLELF CLASSIC -26°C



TOTAL

COOLELF CLASSIC -26°C is a coolant fluid based on monoethylene glycol and selected inhibitors, and contains no amines, nitrites or phosphates.

COOLELF CLASSIC -26°C coolant fluid is recommended for all cooling circuits in internal combustion engines.

In accordance with French Decree n° 95-326 of 20th March 1995 concerning the distribution of certain substances containing monoethylene glycol, **COOLELF CLASSIC -26°C** contains an **additive to give it a bitter taste**, as security against accidental ingestion by children or users.

COOLELF CLASSIC -26°C has an excellent quality/price ratio

APPLICATIONS

Protection -26°C

- **COOLELF CLASSIC -26°C** is a **permanent coolant fluid** that can be used throughout the year: it provides effective protection against engine freezing or overheating.

- **COOLELF CLASSIC -26°C** is ready to use and is already mixed with demineralised water, the quality of which:

- removes any risk of scaling that can cause the engine to overheat by degrading the heat transfer properties or by clogging circuits,
- ensures practically zero electrical conductivity, reducing the causes of electrolytic corrosion.

Lifetime

It is recommended that the coolant fluid should be replaced **every 2 years**

SPECIFICATIONS

**AFNOR NFR 15-601
BS 6580**

- **COOLELF CLASSIC -26°C** meets the *international specifications* for antifreezes, as well as those of major manufacturers.

CUSTOMER BENEFITS

- *In a petrol or diesel engine, some 30 to 40% of the heat produced in combustion is not converted into motion power and has to be dissipated. An engine's cooling system must be capable of removing this excess heat together with that due to friction of the moving parts.*

TOTAL LUBRIFIANTS
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Coolelf Classic -26°C
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This coolant used in accordance with our recommendations and for the application for which it is intended does not represent a special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.

The function of a coolant fluid

The coolant fluid cools the different parts of the engine by heat transfer and gives up heat in the radiator.

Running an engine without coolant for only a few minutes is sufficient to cause piston seizing and cracks in the cylinder head owing to heat not being removed.

Corrosion protection of metals

● **COOLELF CLASSIC –26°C** performs well in the corrosion tests required by the specifications: hot plate corrosion and corrosion *in vitro*.

Adding **COOLELF CLASSIC –26°C** gives the coolant fluid an **alkalinity reserve** (to neutralise the acidity of the combustion gases) and **resistance to foaming**.

● **COOLELF CLASSIC –26°C** is also inert to elastomeric seals and paint.

Optimised physical-chemical characteristics

We remind you that coolant fluids formulated with monoethylene glycol should not be poured into the drains. They are regarded as special industrial wastes (potentially harmful to man and the environment) and should be disposed of in approved centres

CHARACTERISTICS

The typical characteristics mentioned represent mean values

COOLELF CLASSIC –26°C		
Colour		Light Blue
Specific gravity at 15°C	ASTM D1122	1.059
pH	ASTM D1287	8
Alcalinity reserve(pH 5.5)	ASTM D 1121	6.3ml HCl 0.1N
Temperature at which crystal appear	ASTM D1177	-26°C