

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 is recommended for all cooling circuits in internal combustion engines.

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

COOLELF CLASSIC -26°C represents an excellent quality/price ratio in our range of coolants.

APPLICATIONS

Protection -26°C

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

Lifetime

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

Recommended oil change interval:

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

Environment

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 metals' corrosion

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

Excellent quality/price ratio

The addition of COOLELF CLASSIC -26°C gives to 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)

- COOLELF CLASSIC -26°C is also inert to elastomeric seals and paint.

SPECIFICATIONS

AFNOR NFR 15-601
BS 6580

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

CHARACTERISTICS OF COOLELF CLASSIC -26°C

The typical characteristics mentioned represent mean values

Colour		Light Blue
Specific gravity at 15°C	ASTM D1122	1.059
pH		8.2
Alcalinity reserve(pH 5.5)	ASTM D 1121	6.3ml HCl 0.1N
Temperature at which crystal appear	ASTM D1177	-26°C

PERFORMANCES OF COOLELF CLASSIC

● ASTM D1384 : Glassware Corrosion Test (336hrs / 88°C / 33%vol)

	Weight loss (mg/coupon)					
	copper	solder	brass	steel	cast iron	aluminium
ASTM D3306 limits	10	30	10	10	10	30
AFNOR R 15-601 limits	-5 à 5	-5 à 5	-5 à 5	-2,5 à 2,5	-4 à 4	-10 à 20
Coolelf Classic	-0.6	-0.6	0.2	1.4	0.9	0.0

● BS 5177: Hot immersion Test

	Weight loss (mg/cm²)					
	copper	solder	brass	steel	cast iron	aluminium
BS 6580 limits	10	15	10	10	10	15
Coolelf Classic (hot)	0.0	4.6	-0.1	-0.2	-0.3	-2.3

● AFNOR R 15-602-8: Aluminium Heat Transfer Test

	Weight loss (mg/cm²/week)
Afnor R 15-601 limits	-1.0 à 1.0
Coolelf Classic	0.63