

Coolelf Eco BS

Ready-to-use coolant • O.A.T.

DESCRIPTION

Coolelf Eco BS, is an economical OAT ready-to-use, providing frost and corrosion protection.

Coolelf Eco BS, is a cooling liquid adapted to cooling systems of combustion engines of in cars and vans, trucks, construction machinery and agricultural tractors, except the EURO 6 engines.

RECOMMENDATION: Drain the existing coolant and flush the cooling system with demineralized water before filling with Coolelf Eco BS based coolant.

SPECIFICATIONS

Coolelf Eco BS meets the **international specifications** for antifreezes:

- BS 6580 Coolelf Eco BS conforms to British Standard BS 6580:1992 and BS 6580:2010 as well those of major manufacturers.
- NF R 15-601

CHARACTERISTICS

Appearance	Visual	Clear liquid
Colour	Visual	Light Blue
Density at 20°C	ASTM D5931	1.052 kg/L
pH at 20°C	ASTM D1287	8.5
Reserve Alkalinity	ASTM D1121	1.25ML HCl 0.1 N
Freezing Point	ASTM D1177	-23°C

The typical characteristics mentioned represent mean values

HSE

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



TotalEnergies

TotalEnergies Lubrifiants
Immeuble Spazio
562, avenue du Parc de l'île
92029 Nanterre cedex France

Coolelf Eco BS | Sheet updated: 01/24

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.



ANTI-FREEZING



ANTI-CORROSION



ANTI-BOILING



APPLICATION

PROTECTION ALL YEAR ROUND **Coolelf Eco BS** ensures maximum protection against freezing, until -23°C.

READY TO USE PRODUCT **Coolelf Eco BS** is ready for use, as a mix with demineralised water.

LIFETIME Recommended coolant change interval (always refer to the vehicle's maintenance manual):

- 500 000 km/4 years when used in trucks
- 250 000 km/5 years when used in cars.

CUSTOMER BENEFITS

PROTECTION AGAINST METAL CORROSION

EXCELLENT PERFORMANCE

Coolelf Eco BS offers the following benefits to the user:

- Corrosion protection, also for non-ferrous metals
- Frost protection
- Boiling protection
- Miscibility
- Seal compatibility
- Hard water stability
- Low cost

NO DEPOSITS

The organic additives prevent deposit formation, keep the surface clean and optimize the hear transfer.

PERFORMANCES

ASTM D1384: GLASSWARE CORROSION TEST

	WEIGHT LOSS (MG/COUPON)					
	Brass	Copper	Solder	Steel	Cast Iron	Aluminium
NF R-15-601 LIMITS	5	5	-	2.5	4	10
BS 6580-2010 LIMITS	10	10	30	10	10	15
Coolelf Eco BS	0.5	0.5	4.9	0.7	0.3	3.0

ASTM D4340: ALUMINIUM HEAT TRANSFER TEST

	WEIGHT LOSS(MG/CM²/WEEK)
NF R-15-601 LIMITS	1.0
BS 6580-2010 LIMITS	1.0
Coolelf Eco BS	0.3

Coolelf Eco BS trade name on tables represent either concentrated antifreeze or different dilutions of the concentrated product as per official test parameters.



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