



MAINTAIN FRICOFIN ESK

Versatile MEG antifreeze

Description

MAINTAIN FRICOFIN ESK is a versatile, concentrated engine coolant, suitable for all year round use in the cooling systems of internal combustion engines.

It protects engine cooling systems from corrosion all the year round and can provide frost protection down to minus 33°C.

MAINTAIN FRICOFIN ESK incorporates the latest inhibitors, being free from nitrites, amines and phosphates (NAP) to give minimum foaming and freedom from hard water scale build-up.

MAINTAIN FRICOFIN ESK surpasses the requirements of BS6580; 1992 and ASTM D4985. A 50% concentration is recommended for maximum freezing and corrosion protection.

Also available as a 50:50 mix.

Application

Used in liquid coolant systems in petrol and diesel engines and in certain industrial applications.

Advantages/Benefits

- Monoethylene glycol based
- Nitrite, amine and phosphate free
- All year use
- Summer coolant
- Hard water scale prevention
- Frost protection to minus 33°C
- Recommended for use in most petrol and diesel engines
- Multi metal compatibility
- Contains bittering agent

Specifications

- ASTM D4985
- BS6580:2010

Approvals

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FUCHS Recommendations

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Degree of Freezing Protection

Concentration In water	% vol.	Freezing Protection
25		-12°C
33		-20°C
50		-33°C

The figures shown above indicate the temperature at which the formation of ice crystals commences. The dry ice point of the solution occurs below the temperature shown.

Please note that concentrations above approximately 50% offer no further benefit, and indeed, if the concentration increases above approximately 75%, less low temperature protection occurs.

Corrosion Test Results

BS5117 Sect2.2	Weight Loss (mg)		Limit(mg)
	Cold Immersion	Hot Immersion	Cold & Hot
Copper	1	1	10 max.
Solder	3	2	15 max.
Brass	1	1	10 max.
Steel	1	2	10 max.
Cast Iron	1	2	10 max.
Aluminium Alloy	1	2	15 max.

BS5117 Sect2.6	Weight Loss	Limit
Aluminium Alloy (Heat rejecting conditions - mg/cm ² (week))	0.08	1.0 max.

Storage

The containers should be stored indoors (Freezing point of the neat product is minus 12°C).

CHARACTERISTICS: MAINTAIN FRICOFIN ESK

Appearance		Clear blue fluid
Flash Point (PMCC)	IP34	120°C
Specific Gravity at 15.6°C	IP160	1.130
Boiling Point		170°C