



Isocool

Concentrated Engine Coolant

Application

BP Isocool is a coolant suitable for any cooling circuit in petrol and diesel engines. BP Isocool can also be used in stationery coolant systems.

This is a mixture of inhibited monoethylene glycol and a number of corrosion inhibitors. It is recommended as an all-year-round coolant for all liquid cooled internal combustion engines.

A mixture of 33% v/v BP Isocool and 67% v/v distilled water will give protection against freezing down to -18°C and raises the boiling point to 104°C.

Before charging any cooling system with BP Isocool, the system should be drained and thoroughly flushed with clean water. Thereafter, once a year the cooling system should be drained and refilled with a fresh charge of BP Isocool in the correct proportions.

Main Benefits

- BP Isocool minimises corrosion, prevents electrolysis and breakdown from dissimilar metals (steel, cast iron, aluminium, brass, copper and tin).
- Neutralises the effect of acidic degradation of glycol.
- Is compatible with seals.
- Provides complete protection against freezing in winter.

Specifications

- MB Page 325.0
- MAN 324 type NF
- VW TL 774-C (G11)
- BMW N 600 69.0
- MTU (MTL5048)
- BS 6580:2010
- ASTM D3306, ASTM D4985
- JIS K2234

Storage

All packs should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally with the bungs parallel to the ground to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, safety and environment

Health, safety and environment information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and first aid measures, together with environmental effects and disposal of used products.

BP p.l.c. or its subsidiaries will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from your local BP office.

Typical Characteristics

Isocool

Product code		15007
Density at 20°C	kg/l	1.124
pH Value of 50% solution		7.0
Boiling point undiluted	°C	165
Freezing point at 33% dilution	°C	-12.0
Reserve alkalinity (0.1 NHCL)	ml	13 - 15.0
Appearance		Blue / Green

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

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