



Product Data

ProCool Premixed Coolant

Ready to use coolant

Description

BP ProCool Premixed Coolant is a ready to use antifreeze, formulated using monoethyleneglycol and advanced organic acid inhibitors. In contrast to traditional antifreezes it does not contain amines, nitrites, phosphates, borates, silicates or other inorganic inhibitors.

BP ProCool Premixed Coolant is a 50% dilution with water providing freezing protection to -37°C . No further dilution is required by the end user ensuring the correct quality and concentration of water is always added for optimum performance. This product is designed to work over a wide operating temperature range, providing effective engine cooling in all climates.

Application

BP ProCool premixed coolant provides excellent corrosion protection particularly to those engines employing cast iron, aluminium, copper or combinations of these metals as used in modern engine design.

It is suitable for a wide range of vehicles including cars, trucks and buses using both petrol and diesel engines and therefore particularly suitable for use in mixed fleets.

Advantages

The special inhibitor package employed provides the following additional benefits:

- Compatibility with standard rubber hoses, gaskets and seals used within the cooling system.
- Possesses a longer operational life by allowing extended drain intervals of up to 5 years. Longer drain intervals mean reduced cost and less possibility of harm to the environment.
- Provides excellent protection against all forms of corrosion, including cavitation corrosion and effective water pump lubrication, reducing wear and noise.
- Prevents the build up of calcium deposits (scale) which can increase rates of corrosion and reduce heat transfer properties. This also reduces possibility of radiator blockage and restricted flow of coolant ensuring engines run at optimum temperatures.
- Contains bittering agent to deter from accidental ingestion.

Typical Characteristics

Name	Method	Units	ProCool Premixed Coolant
pH, Engine Coolants (50%)	ASTM D1287	pH	8.5
Colour	Visual	-	Light red
Density @ 20C	Supplier	g/ml	1.06
Freezing Point, Coolant 50% vol in water	ASTM D1177	°C	-37

Product Performance Claims

ASTM D3306(111)

BS6580:2010

JIS K 2234

Storage

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

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