



Product Data

## Castrol Radicool

Summer coolant and antifreeze

### Description

Castrol Radicool is a concentrated engine coolant for use in both petrol and diesel engines with aluminium or cast iron engines. This coolant can be mixed using 33% concentration with purified water to give frost protection to -18°C, however it is recommended to use a 50% dilution to provide optimum corrosion protection and freeze protection down to -36°C. At these concentrations this coolant will provide year round protection. To maintain optimum performance this product should be replaced after 1 year.

### Application

Castrol Radicool has been developed for use in both petrol and diesel engines with aluminium or cast iron engines. In the majority of cases, coolants are not compatible and should not be mixed with other coolants unless directed by the equipment manufacturer. If using Castrol Radicool for the first time, ensure that the cooling system has been adequately flushed with clean water before use.

### Advantages

Castrol Radicool is a mixture of monoethylene glycol and selected chemical agents. It contains no nitrites, amines or phosphates.

Castrol Radicool provides -

- Protection against hard water
- Effective engine cooling without boiling
- Protection against corrosion of the alloys used in the cooling system of modern vehicles
- Compatibility with conventional seal and hose materials used in engine cooling systems
- Protection against cavitation corrosion
- Efficient lubrication of water pumps
- Contains bittering agent

Castrol Radicool contains no phosphate, therefore the potential problems of deposits in some modern engines are reduced.

## Typical Characteristics

Name	Method	Units	Castrol Radicool
Appearance	Supplier	-	Clear liquid
Color	Supplier	-	Blue-green
pH, Engine Coolants (50%)	ASTM D1287	pH	8.0-9.0
pH, Engine Coolants / Antirusts (33%)	ASTM D1287	pH	8.0-9.0
Water Content Karl Fischer (volumetric)	ASTM D1123	ppm / %	max. 5
Freezing Point, Coolant 50% vol in water	ASTM D1177	°C	- 36

## Product Performance Claims

D3306  
BS 6580:2010

## 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.

Castrol Radicool  
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