



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 is a mixture of monoethylene glycol and selected chemical agents. It contains no nitrites, amines or phosphates. Because it contains no phosphate, the problems of deposits in some modern performance engines are reduced.

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

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.

Castrol Radicool has a shelf life of 2 years when stored in air tight containers at a maximum temperature of 30°C . In warm climates containers should not be stored outside in direct sunlight. It can be stored in mild steel lacquer lined or HDPE containers. Galvanised containers and handling equipment should be avoided.

Typical Characteristics

Name	Method	Units	Castrol Radicool
Density @ 20C	ASTM D1122	g/ml	1.12
Appearance	Visual	-	Bright clear fluid
pH, Aqueous Solution (50%)	ASTM D1287	pH	7.5
Foam, Tendency of Engine Coolants	ASTM D1881	ml	50 max
Foam, break time	ASTM D1881	seconds	5 max
Water	ASTM D1123	% wt	5 max
Boiling Point of Engine Coolants	ASTM D1120	°C	160 min

Product Performance Claims

D3306
BS - 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.

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