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 provides 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	Visual	-	Clear & Bright
Colour	Visual	-	Green
pH, Engine Coolants (50%)	ASTM D1287	pH	7.5
Boiling Point of Engine Coolants	ASTM D1120	°C	min 175
Density @ 20C	IP 160	g/ml	approx 1.12
Freezing Point, Coolant 50% vol in w ater	ASTM D1177	°C	-36

Product Performance Claims

ASTM D3306 (I)
Engine coolant concentrate (“antifreeze”) conforms to the requirements of 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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