



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.

Advantages

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

Typical Characteristics

Name	Method	Units	Castrol Radicool
Density @ 20°C	ASTM D1122	g/ml	1.12
Appearance	Visual	-	bright clear pink fluid
pH, Aqueous Solution (50%)	ASTM D1287	pH	8.1
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	165 min

Updated the Performance Claims to the Latin America ones. Also moved the storage and user advice text into the correct sections rather than the description.

Product Performance Claims

D3306
BS - BS 6580:2010
NBR 15297
IRAM 41368

User Advice

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.

Storage

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. Galvanized containers and handling equipment should be avoided.

Radicool
23 Feb 2017
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This Data Sheet and information it contains is considered to be accurate at the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this publication. No statement made in this publication shall be construed as a permission, recommendation or authorization given or implied to practice any patented invention without a valid license. It is the User's obligation to evaluate and use products safely and within the scope advised in the Data Sheet, to assess suitability for the intended application, and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the products. The Seller shall not be responsible for any loss, damage or injury resulting from any abnormal use of the product, from any failure to adhere to recommendations, nor from any hazards or risks which are i) identified in the Data Sheet, ii) inherent in the nature of petroleum products or iii) associated with the petroleum products concerned (provided that this disclaimer shall not affect any statutory rights of the Buyer of the petroleum products concerned). All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.