



## Radical SF Premix

Ready to use antifreeze coolant

### Description

Castrol Radical SF Premix is a long-life ready to use coolant based on monoethyleneglycol with advanced organic acid inhibitor technology. In contrast to traditional antifreeze coolants, Castrol Radical SF Premix does not contain amines, nitrites, phosphates, silicates or other inorganic inhibitors.

Castrol Radical SF Premix provides excellent corrosion protection particularly to those engines employing light metals. It is suitable for a wide range of OEMs equipment.

Castrol Radical SF Premix works over a wide operating temperature range for effective engine cooling in all climates, and offers freezing protection down to -37°C.

### Application

The special inhibitor package used in Castrol Radical SF Premix enables longer drain intervals with excellent protection against corrosion, cooling system blockage, overheating and freezing. It is especially suitable for use in engines employing cast iron, aluminium, copper or combinations of these metals used in modern engine designs. It is also compatible with all standard rubber hoses, gaskets and seals used within the cooling system.

Castrol Radical SF Premix 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.

Castrol Radical SF Premix provides excellent protection against cavitation corrosion and effective water pump lubrication, reducing wear and noise.

The additive technology used in Castrol Radical SF Premix prevents the build up of calcium deposits (scale) from use of hard water, thereby reducing possibility of radiator blocking and restricted flow of coolant. This technology also improves the fluids heat transfer properties ensuring engines run at optimum temperatures.

Castrol Radical SF Premix contains a bittering agent to deter from accidental ingestion.

## Typical Characteristics

Name	Method	Units	Castrol Radicool SF Premix
Appearance	Visual	-	Clear & Bright
Colour	Visual	-	Pink
pH, Engine Coolants / Antirusts	ASTM D1287	-	8.6
Reserve Alkalinity	ASTM D1121	ml 0.1N HCl	3.0
Boiling Point of Engine Coolants	ASTM D1120	°C	108
Freezing Point, Coolant 50% vol in water	ASTM D3321	°C	-37

## Product Performance Claims

ASTM D3306(III)

ASTM D4985

ASTM D6210

BS 6580:2010

MAN 324 Typ SNF

MB-Approval 326.3

VW TL 774F (G12+)

Deutz DQC CB-14

DAF 74002

Suitable for use where a coolant meeting GMW 3420 is required.

## 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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Radicool SF Premix

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