



## Radicool SF Premix

Ready to use antifreeze coolant

### Description

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

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

Castrol Radicool 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 Radicool 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 Radicool SF Premix possesses a longer operational life by allowing extended drain intervals of 3 years plus. Longer drain intervals mean reduced cost and less possibility of harm to the environment.

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

The additive technology used in Castrol Radicool 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 fluid's heat transfer properties ensuring engines run at optimum temperatures.

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

Castrol Radicool SF Premix is a ready to use dilution of Radicool SF, which is formally approved by Volkswagen, Ford and DAF in addition to MAN and Mercedes Benz. Please refer to the Radicool SF Product Data Sheet for more information.

## Typical Characteristics

Name	Method	Units	Radicool SF Premix
Boiling Point of Engine Coolants	ASTM D1120	°C	108
Density at 15°C	ASTM D1298	g/ml	1.07
pH, Engine Coolants / Antirusts	ASTM D1287	-	8.6
Appearance	Visual	-	Pink / violet liquid, clear and bright
Freezing Point	ASTM D3321	°C	-37

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

## 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

## 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 600C, exposed to hot sun or freezing conditions.

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