



Product Data

Castrol Radicool SF Premix

Ready to use antifreeze coolant

Description

Castrol Radicool 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 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 OEMs 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 up to 5 years. 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 fluids heat transfer properties ensuring engines run at optimum temperatures.

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

Typical Characteristics

Name	Method	Units	Radicoool 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

Product Performance Claims

ASTM D3306(III)
ASTM D4985
ASTM D6210
BS 6580:2010
MAN 324 Typ SNF
DTFR 29D110
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 60°C, exposed to hot sun or freezing conditions.

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