



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 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 fluids heat transfer properties ensuring engines run at optimum temperatures.

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

Technical Data

Name	Method	Units	Redicool SF Premix
Boiling Point of Engine Coolants	ASTM D1120	°C	108
Density at 15°C	ASTM D1298	g/ml	1.0707
Foam, Tendency of Engine Coolants	ASTM D1881	ml	<50
Foam, break time	ASTM D1881	seconds	<5
pH, Engine Coolants / Antirusts	ASTM D1287	-	8.6
Reserve Alkalinity	ASTM D1121	ml 0.1N HCl	3.0
Appearance	Visual	-	Pink / violet liquid, clear and bright
Freezing Point	ASTM D3321	°C	-37
Flash Point, COC	DIN-ISO 2592	°C	>120

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
BS6580:2010
MAN 324 TYP SNF
MB Approval 326.3

Care and Handling

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Packaging and 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 60C, exposed to hot sun or freezing conditions.

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