



Radicool NF Premix

Antifreeze coolant -ready to use.

Description

Castrol Radicool NF premix is a ready to use antifreeze coolant formulated using monoethylene glycol and selected additives, free from nitrite, amine and phosphate inhibitors. It uses hybrid technology for the modern performance engines of cars and trucks.

This product requires no customer dilution therefore ensures the correct concentration is always used. Castrol Radicool NF Premix provides year round protection against corrosion, and offers freezing protection down to -35 deg C.

Application

Castrol Radicool NF premix has been developed to meet the growing demand from engine and vehicle manufacturers for a higher performance coolant that minimises environmental impact. It provides excellent protection against corrosion, and because it contains no phosphate, the problems of deposits in some modern performance engines are eliminated. In addition to providing excellent corrosion and low temperature protection, the use of the recommended level of antifreeze will significantly reduce the likelihood of wet cylinder liner pitting due to "cavitation erosion". Cavitation erosion is caused by the implosion of air bubbles present in the coolant and which are attracted to the liner outer surface. These bubbles implode, resulting in the removal of minute amounts of liner material - this, if allowed to continue unchecked, will result in liner porosity and severe engine damage.

- OEM approvals.
- Protects for up to 3 years.
- Excellent low temperature protection.
- Provides excellent protection against corrosion.
- Efficient lubrication of water pumps.
- Compatible with conventional seal and hose materials used in engine cooling systems.
- Contains bittering agent.

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 NF Premix for the first time, ensure that the cooling system has been adequately flushed with clean water before use.

Storage

Radicool NF Premix 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. Galvanised containers and handling equipment should not be used.

Typical Characteristics

Name	Method	Units	Castrol Radicool NF Premix
Appearance	Visual	-	Clear & Bright
Colour	Visual	-	Blue / Green
pH, Engine Coolants / Antirusts	ASTM D1287	-	7.3
Reserve Alkalinity	ASTM D1121	ml 0.1N HCl	7.0
Freezing Point,	ASTM D1177	°C	-35
Foam, Tendency of Engine Coolants	ASTM D1881	ml	30
Foam, break time	ASTM D1881	seconds	3
Density @ 20°C,	ASTM D4052	g/ml	1.05

Product Performance Claims

ASTM D3306(III)

ASTM D4985

JASO JIS K 2234:2006

MAN 324 Typ NF

MTU MTL 5048

MB-Approval 326.0

Based on coolant concentrate conforming to:

BS 6580:2010

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

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