

Balmerol® Hi-Cool

High Performance Long Life Automotive Coolant

Technical Data Sheet

Product Description:

Balmerol Hi-Cool is a high performance long life automotive coolant for use in the cooling systems of both Cast Iron and Aluminium engines. Balmerol Hi-Cool is based on high quality Ethylene Glycol liquid inhibited by carefully balanced mixture of corrosion inhibitors free from amines, borates, phosphates, silicates. Balmerol Hi-Cool concentrate can be diluted with water in the ratio of 1:2 to 1:4 depending on the severity of application. It meets the requirements of IS: 5759-1994 & JISK 2234-94 Class-II specifications for Corrosion Inhibiting engine coolant.

Benefits:

Balmerol Hi-Cool offers the following benefits:

- Year round cooling system protection
- Suitable for both Cast Iron and Light Alloy engines
- Prevents sludge and deposits, rust and corrosion
- High boiling point prevents product loss
- Long service life reduces maintenance costs

Applications / Recommendations:

Balmerol Hi-Cool concentrate is highly recommended for use in the cooling systems of petrol and diesel engines and ensures protection against corrosion of Cast Iron, Steel, Brass, Copper and Aluminum alloys used for engine and radiator components. It ensures free circulation in the cooling system down to -12 °C. It is compatible with materials normally used in automotive cooling systems like rubber & plastic components and also compatible with hard water.

Caution:

Mixing with other brands of coolants or top up with water may lead to increased risk of damage to the cooling system and can cause engine problems.

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Typical Properties:

Balmerol Hi-Cool	
Properties	Hi-Cool
Colour	Dark Green
Density @ 20 °C, g/cc minimum	1.14
Boiling Point, °C minimum	170
Foaming property ml, 30% vol aqueous solution, maximum	3
pH of 30% (v/v), aqueous solution at Room Temperature	8.7
Reserved alkalinity, ml	10
Freezing point of water solution °C max.	
a) 50% aqueous solution	-36

Health and Safety:

Balmerol Hi-Cool is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

For Further Information, contact:

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