HP POWERKOOL

Advanced Radiator Coolant & Corrosion Inhibitor for IC Engines

DESCRIPTION

HP Powerkool is a new generation Radiator Coolant and Corrosion Inhibitor, specifically developed for IC Engines running in warm climate, thus not requiring Anti-freeze properties. Unlike the conventional anti-freeze radiator coolants, HP Powerkool is based on Organic Acid Technology and hence, it has the potency of a prolonged service life.

CHEMICAL PROFILE

- The product is based on carboxylic acid chemistry.
- Contains carboxylic acids (C8 - C10), neutralized with sodium hydroxide.
- Boron Free
- Amine Free
- Contains fluorescent yellow-green dye.

In course of the Field Trials at APSRTC and BEST on various Heavy Commercial Vehicle radiators, the product has exhibited several key benefits in service, such as:

- Bio-degradable and environment friendly (being of Carboxylate base and boron free)
- Exemplary corrosion inhibition of the metal components
- Superior compatibility to Elastomers (rubber components) used in cooling system
- Retention of concentration over a good duration, hence nil or negligible consumption (apart from those owing to leakage/ contamination etc.)
- Low dosage requirement (only @ 5% with DM Water)

APPLICATIONS

HP Powerkool recommended for use in Radiators of Heavy Commercial Vehicles running in warm climate, thus not requiring anti-freeze protection.

DOSAGE

HP Powerkool is recommended to be used @ 5% dosage with De-mineralized Water.

FEATURES & BENEFITS

- Bio-degradable and environment friendly
- Extended water pump life
- Maximized cavitation corrosion protection
- Extended coolant life
- Improved heat transfer
- Lower cooling system maintenance costs

PHYSICO-CHEMICAL PROPERTIES (TYPICAL)

Appearance	Bright and Clear
Colour	Fluorescent Yellow-Green
PH of 5% Solution with Distilled Water	9
Specific Gravity, @ 20 °C/20 °C	1.15
Carboxylate Concentration	2050