



Product Code: VP Cool Down

Cooling System Additive

Applications

- Reduces cooling system operating temperatures by 20 – 50 degrees.
- Works great in race cars, their towing vehicles and long idling applications
- 1 bottle per 2.5 gallons / 2 ounces per quart for motorcycles

Why use VP Cool Down

- Reduces coolant surface tension, allows better laminar coolant flow for better heat transfer by having a thermal conductivity Twice that of a conventional ethylene glycol coolants
- Lubricates without the crystallization of other coolant additives.
- VP Cool Down keeps the water passages of the engine and cooling system exceptionally clean by preventing the build up of scale and corrosion bi-products. This maximises heat transfer leading to lower operating temperatures and increased engine performance and efficiency.
- VP Cool Down formulation is designed to reduce the surface tension of water by a factor of two, which means that much smaller vapour bubbles will be formed. Vapour bubbles on the metal surface create an insulating layer, which impedes heat transfer. Releasing these vapour bubbles from the metal surface can improve the heat transfer properties in this localized boiling region by as much as 15%
- This product has been extensively tested and its performance proven under the harshest of conditions in all forms of USA racing.
- Utilizing this technology and tested under extreme road and racing conditions, VP Cool Down is specifically formulated to prevent overheating and corrosion in today's high performance road and track racing engines when added to plain clean water.
- Can be added to new or used antifreeze to improve the heat transfer of ethylene and propylene glycol systems.
- Designed for modern aluminium, cast iron, copper, brass and bronze systems.
- Particularly effective in sealed cooling systems (Example Methanol running Drag engines with no radiator system)
- Particularly effective in burnout vehicles staying in static positions at high engine loads

Benefits of VP Cool Down

- Increases the “wetting” ability of water by up to 100%
- Dramatically improves speed of heat transfer
- Reduces cylinder head temperatures
- Prevents high temperature coolant foaming
- Permits more spark advance for increased horsepower and torque *Reduces rust, corrosion and electrolysis of all metals
- Cleans and lubricates water pump seals
- Reduces high temperature cavitation corrosion

- Provides long term acid corrosion protection

