



## Life Time Cooling

Evans Waterless Coolants are incomparable to any other engine coolant. Proven to eliminate **all** problems associated with water based coolants, Evans redefines the boundaries of engine cooling. Not only will Evans improve your cooling system performance it will also protect your engine, extending it's life and improving reliability. Significantly, Evans can achieve all this for the life of the engine without the need to refresh.

## Protect Your Investment



## Recommended by Experts



“ I use Evans Waterless Engine Coolants in both my restorations and my own vintage vehicles. I now run the famous Thunderbolt aero Bentley with Evans Vintage Cool 180. I am very pleased with the performance and would recommend Evans Waterless Engine Coolants for protection, peace of mind and performance in all vintage vehicles ”

Graham Moss  
RC MOSS LTD  
Vintage Restoration Specialists.

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## REVOLUTIONARY ENGINE COOLING



## Protect Your Investment

ELIMINATES  
BOILOVER

PROTECTS FROM  
-40°C TO 180°C

PREVENTS  
CORROSION



Evans Waterless Coolants represent a revolutionary advance in engine cooling efficiency, enhancing engine performance and reducing maintenance costs. Since the 1930's engine cooling has been water-based with various inhibitors to minimise corrosion. All such mixtures have inherent physical, chemical and performance limitations, causing problems with overheating, reliability and power.

### No Water - No Overheating

Evans Waterless Coolants have a boiling point of 180°C and will not boil over.

### No Water - No Corrosion

Water contains oxygen, oxygen allows corrosion. Evans Waterless Coolants eliminate corrosion.

### No Water - No Pressure

Evans Waterless Coolants allow your cooling system to run at a lower pressure, reducing the strain on engine components and reducing maintenance costs.

### No Water - No Liner Pitting

Evans Waterless Coolants generate significantly less pitting when compared with all water based coolants.

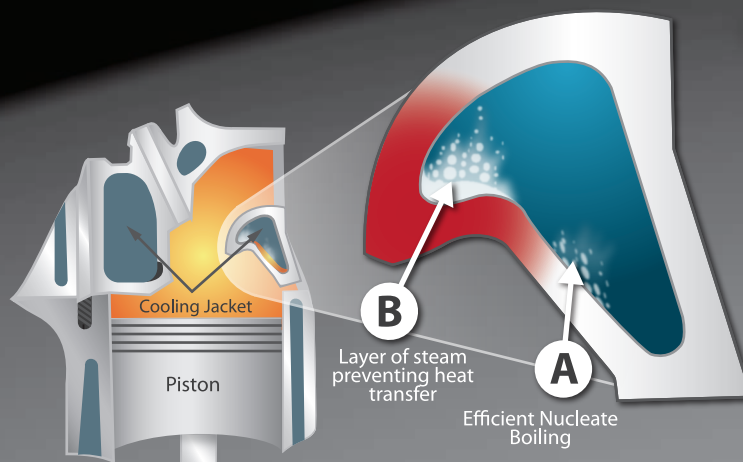
### No Water - No Scaling

Evans Waterless Coolants prevent the build up of hard water scale that results in inefficient heat transfer.

### No Water - More BHP

Premature detonation associated with overheating, and hot spots is eliminated, optimising fuel combustion, providing more power and improving fuel economy.

### No Water - No Problems!



## How does it work?

Traditional water based coolants regularly cross the thermal boundary that separates efficient Nucleate Boiling (A) from inefficient Critical Heat Flux. CHF is synonymous with the condition 'Departure from Nucleate Boiling'. When DNB occurs, a layer of steam bubbles form adjacent to the engine hot-spots (B). Steam dissipates less than 1/30th of the heat that water does, rapidly over-heating local metal, causing premature detonation. The high boiling point of Evans coolants prevents DNB, providing more efficient cooling in engine hotspots.



## Installation

Please follow these instructions for maximum benefit and protection of your cooling system.

1. Drain existing coolant from entire cooling system, including heater and all hoses.
2. Fill with EVANS Hygroscopic Prep Fluid to remove any dirt, scale and residual coolant.
3. Run engine until normal operating temperature is reached, allow to cool and drain the system.
4. Fill with EVANS Waterless Coolant, then run engine until normal operating temperature is reached to bleed all air from the system.
5. After initial use, check coolant level and top up if necessary.

Following the above procedure should result in less than 3% water remaining in your system ensuring maximum benefit.

For more technical details/information visit

[www.evanscooling.uk.com](http://www.evanscooling.uk.com)

