



Evans Waterless Coolants



Discover the Evans Advantage



Evans Waterless Coolants

Evans Powersports Coolant

For small, powerful engines
(motorcycles, ATVs, snowmo-
biles and watersports)

Evans High Performance Coolant

For all gasoline and
light duty diesel engines

Evans NPG

For special use when
ethylene glycol blends
are not permitted

Evans High Performance Coolant

The best of Evans Waterless Automotive Engine Coolants in one formula.
Designed for all gasoline and light duty diesel engines.
Use in cars, trucks, boats, light aircraft and motorcycles.

Protects from -40°F to 375°F

Protects against boil-over

Eliminates pump cavitation

Prevents electrolysis

Corrosion free

Reduces detonation

Enables more horsepower

Eliminates cylinder liner cavitation

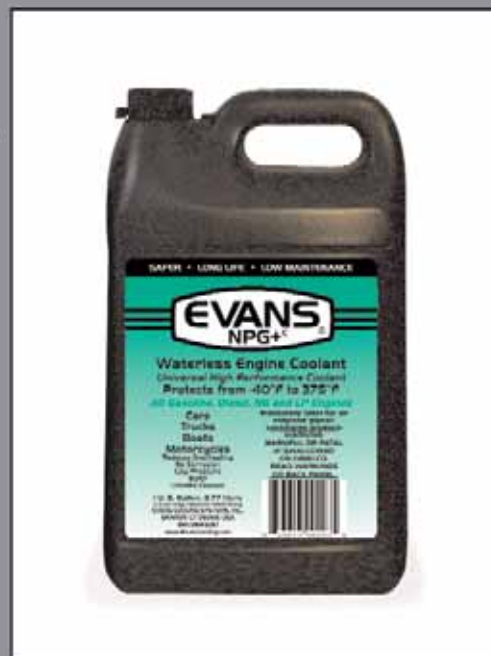
Eliminates SCAs

Reduces maintenance

Less toxic

Safer for the environment

Lifetime coolant



888.990.COOL (2665)

EvansCooling.com



Waterless Technology



Evans Waterless Coolants are perfectly suited for the demands of any hard-working engine. Designed to be a "pour-in" coolant, Evans makes it easy to convert from conventional antifreeze and water mixes to Waterless Coolant. No cooling system component modifications are required for a successful conversion.

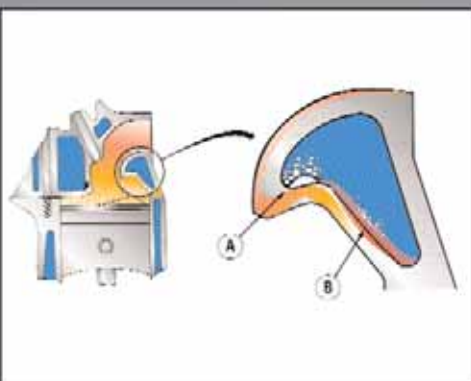
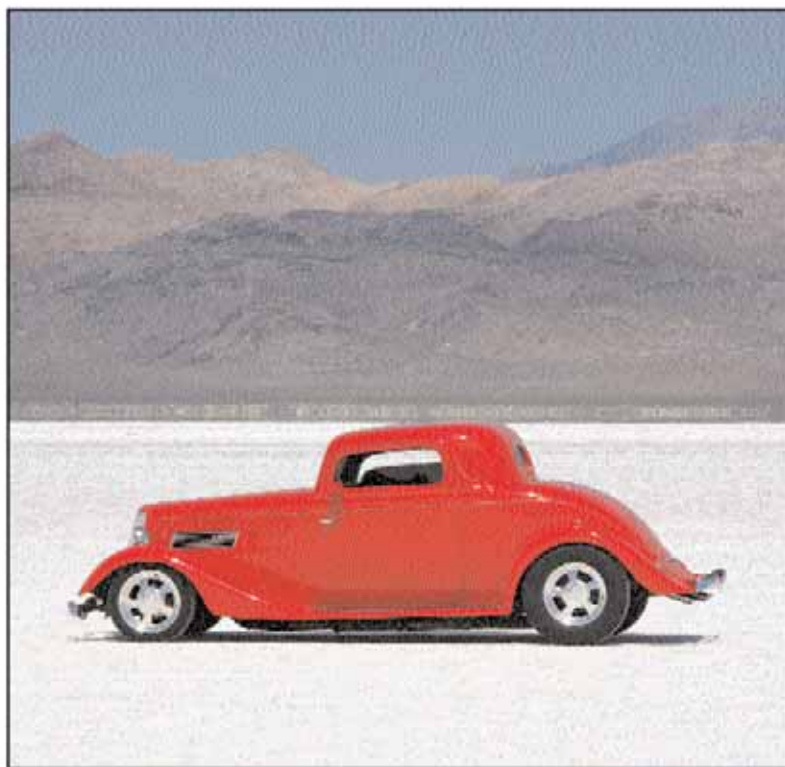
Eliminate water-caused overheating in gasoline and light duty diesel engines with Evans Waterless Coolants. Cooling an engine with Waterless Coolant allows engines to tolerate higher temperatures without boiling over. Unlike conventional coolants, Waterless Coolant has the ability to run at low or no pressure. Lower system pressure lowers maintenance costs by reducing the stress on hoses, gaskets, and other system components. Engines operating with Waterless Coolant are free from electrolysis. Evans Waterless Coolants are safe for use with all metals.

Extremely hot environments are not a concern for Evans Waterless Coolants. Evans Waterless Coolants are pure coolant and no water is permitted. Cooling systems fitted with Evans Waterless Coolants operating in performance applications will function safely within a few degrees of traditional water-based coolants. Evans unique operating characteristics retain cooler metal temperatures at hot spot sources inside the engine. Evans offers assurance that the cooling system will not boil over, due to the liquid's high boiling point 375° F.

Evans Waterless Coolants provide low temperature protection. Waterless Coolants out-perform conventional coolant in freezing weather. Evans Waterless Coolants remain liquid below -40°F. Evans Waterless Coolants contract in falling temperatures preventing damage from freezing.

Evans Waterless Coolants work well with radiators and liquid-to-liquid oil coolers. The thermal conductivity of water is high but the conductivity of water vapor is near zero. Engines running with Waterless Coolant can be operated at higher coolant temperatures while maintaining control of the metal temperatures. This fact permits higher fan control temperatures and less fuel robbing parasitic drag.

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Heat stressed metal in the water jacket can exceed the thermal capacity of water-based coolants, causing cooling system overheating (Detail A). The water fraction of traditional coolants begins to boil (240° F) forming a vapor barrier at the metal's surface. As metal temperatures rise a cloud of vapor develops impeding the heat transfer efficiency of water based coolants by as much as 94% (Detail B).



Engines run more efficiently at higher temperatures.

Unique exclusively to Evans Waterless Coolants is the coolants' ability to immediately condense any coolant vapor back to liquid. This allows the coolant to continually remain liquid and absorb damaging heat on the way to the radiator. Evans Waterless Coolants bathe the entire cooling jacket and significantly improve coolant surface effectiveness. Heat transfers more efficiently from the metal to the vapor-free liquid coolant and is carried off to the radiator for more effective heat transfer. When trapped vapor is eliminated from the cooling system, most non-computer regulated engines can operate at higher than normal temperatures. Waterless Coolants permit most engines to operate at higher temperatures without requiring any other system changes. Operation at a higher temperature often provides an increase in power output and fuel efficiency.

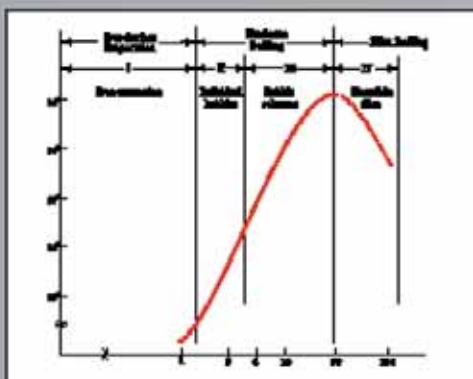
All Evans Waterless Coolants are virtually lifetime coolants. The additives are stable and remain in solution for the life of the coolant. The lifetime attribute of Waterless Coolants eliminates the need for coolant changes to renew cooling effectiveness. Waterless Coolants avoid damage to metal, hoses, and gaskets from electrolysis. The lack of water in Waterless Coolants virtually eliminates pump and cylinder liner cavitation. Significant maintenance savings on both gasoline and diesel engines can be had through the use of Evans Waterless Coolants. The limits of Evans Waterless Engine Coolants have yet to be discovered.

No-cost coolant testing is offered by Evans Cooling Systems.

An Evans technician will test the coolant from your converted engine to confirm a successful conversion to Waterless Coolant. Call the Evans Cooling Systems Sales Office for instructions on sending your coolant sample for testing. Dealers interested in providing Evans Waterless Coolants are encouraged to purchase a refractometer to ensure a proper installation for their customers. The Brix scale conversion is provided with refractometer purchase.



Evans recommends aluminum radiators. It is the fin to tube contact which cools an engine. Aluminum radiators use large tubes of at least 1" in tube width. Larger tube size allows higher flow and greater fin to tube contact allowing the radiator to transfer heat more quickly to cool the engine.



Evans Waterless Coolant has a boiling point of 375° F. Due to a much higher boiling point, Evans Waterless Coolant bathes the hot metal surface, transferring heat away from hot spots in an efficient manner while maintaining safe metal operating temperatures. The results are a superior low pressure fully functional cooling system.



Photo Permission courtesy UXC Racing, photos by ATV Riders.com



Evans Powersports Coolant

Evans Powersports Coolant, designed specifically for use in powersports equipment, is the ultimate coolant for any liquid cooled machine.

Powersports enthusiasts are embracing the half gallon coolant that they can call their own.

The waterless formula will not over-heat regardless of conditions. It is stable and does not go bad with time or use. It will not freeze or carry electricity.

For years race teams around the world have been using Evans Coolant. You can too.

"...we have tried everything to keep our race bikes from overheating... Evans Coolant was the solution. Now we can push the race ATVs to their limits without pitting to get the bikes cooled down. Thanks Evans!"

*Michael Swift
TEAM UXC RACING*

Evans NPG

Designed for all racing series which allow coolants other than EG-based. Use in drag racing, circle track, motorcycles and boats.

Ethylene glycol free
Essentially non-toxic
Corrosion free
Best for magnesium

Reduces overheating
Reduces cooling system pressure
May require cooling system changes



High Performance Sales
P.O. Box 434
Parkerford, PA 19457

Corporate & Engineering
255 Gay Street
Sharon, CT 06069

Heavy Duty Diesel Sales
1 Mountain Road
Suffield, CT 06078

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