

Application Note

RACEKOOL™ Racing Coolant/ Anti-Freeze

Description

RaceKool is a race engine coolant/anti-freeze which is a technically superior product. It offers exceptional cooling through improved heat transfer by elimination of thermal barriers caused by water scale deposits, rust and corrosion. This chemistry has been tested in real engines for millions of miles, proving its technical superiority. It may be used in any type of water cooled engine that requires winter freeze and boil over protection.

Here is what *RaceKool Coolant/Anti-Freeze* can do for your engine:

- Prevents sludge and gel build-up
- Prevents mineral scale deposits
- Provides freeze protection to -62 °F
- Prevents rust and corrosion
- Prevents water pump cavitation
- Anti-foaming, better heat transfer
- Lubricates water pump seals
- Doesn't effect non-metals
- Doesn't irritate skin
- Doesn't contain phosphates or acids

RaceKool Coolant/Anti-Freeze keeps your entire cooling system; heads, radiator, water pump, and thermostat clean and free of deposits that inhibit heat transfer.

By improving the efficiency of your cooling system, engine metals will run cooler, oil temperature will be lower, the cooling system will stay clean and free of deposits and sludge, water pump seals will last much longer and water pump cavitation eliminated.

RaceKool Coolant/Anti-Freeze should be mixed with clean water, preferably distilled water. Freeze and boil over protection is determined by concentration ratio. A minimum ratio of coolant to water is 50%. Use the following table to determine mixing ratio.

Mixing ratio %	Freeze protection	Boil over protection*
50	-34 °F	265 °F
55	-45 °F	268 °F
60	-62 °F	270 °F

*assumes a 15 psi system pressure.

Coolant system ratios may increase due to evaporation losses. Always top up using pre-mixed coolant. Do not allow coolant ratio to exceed 70%.

Ethylene glycols, which provide freeze and boil protection do not wear out but the protection provided by the additive package does. Use *RaceKool Concentrate* to replenish the depleted additives.

An unique property of *RaceKool Coolant/Anti-Freeze* is to signal the presence of head gasket blowby by changing color from purplish pink to clear when blowby gases enter the coolant.



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