

iron tite

The Professional's Choice

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Don't Let Excessive Heat Buildup Limit Your Horsepower Output

Did You Know for every 100 horsepower increase in power output, the engine burns another 250,000 BTUs - and nearly a third of this is dumped into the cooling system.

Most stock cooling systems have minimal capacity to handle higher than normal heat loads - especially when the heat load is sustained for a period of time rather than a momentary surge.*

It takes about 2,500 BTUs of heat energy to produce one horsepower (this includes the heat loss out the tailpipe and that absorbed by the cooling system). Based on these numbers, a 300-horsepower engine would generate about 750,000 BTUs of heat energy per hour at full throttle. A 400-horsepower engine would burn over a million BTUs per hour with the pedal to the metal. As the power level goes up, so does the waste heat produced by the motor. This can overwhelm the cooling system's ability to keep up and sooner or later the engine will run hot and overheat. The risk goes up with the ambient air temperature. An engine may maintain normal temperature on a relatively cool or mild day, but overheat when the outside temperature rises to 80 or 90° F.*

The Solution: Use Irontite's 3-Pack to Improve Heat Dissipation for Better Coolant Flow and Added Power

Engine specialists have found using all three products in conjunction with each other offers the BEST possible, longest lasting results that any chemical process for stopping coolant leaks can provide.

1 Use *Thoro-Flush* to thoroughly clean the cooling system removing rust, corrosion, and other debris along with "neutralizing" any left behind coolant solution or oil based products.

2 Next, use *Ceramic Motor Seal* to fully coat the inside of the cooling system with a thin layer of ceramic. It will seal porous or blemished areas of the casting metal as well as any potential (weak) areas.

3 And Finally, use *All Weather Seal* to emulsify with any kind of engine coolant mixture as a great preventative for any potential future leaks as well as sealing existing leaks.

Using all 3 products can be the most thorough method for getting the best possible results from any product to stop and/or prevent cooling system leaks. Each bottle treats up to a 6-gallon cooling system.



*Source: Engine Builder

Performance Enthusiast & Racers
Choice for Over 60 Years!

Learn More About All Our Cooling System Sealers & Flush Products at
iron tite products.com

Tempering
Horsepower
Heat

