



CLINT SHOTS DOWN **THE SHORT BARREL MYTH**

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# GUNS<sup>®</sup>

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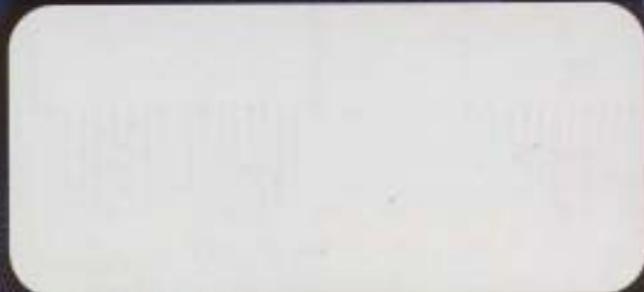
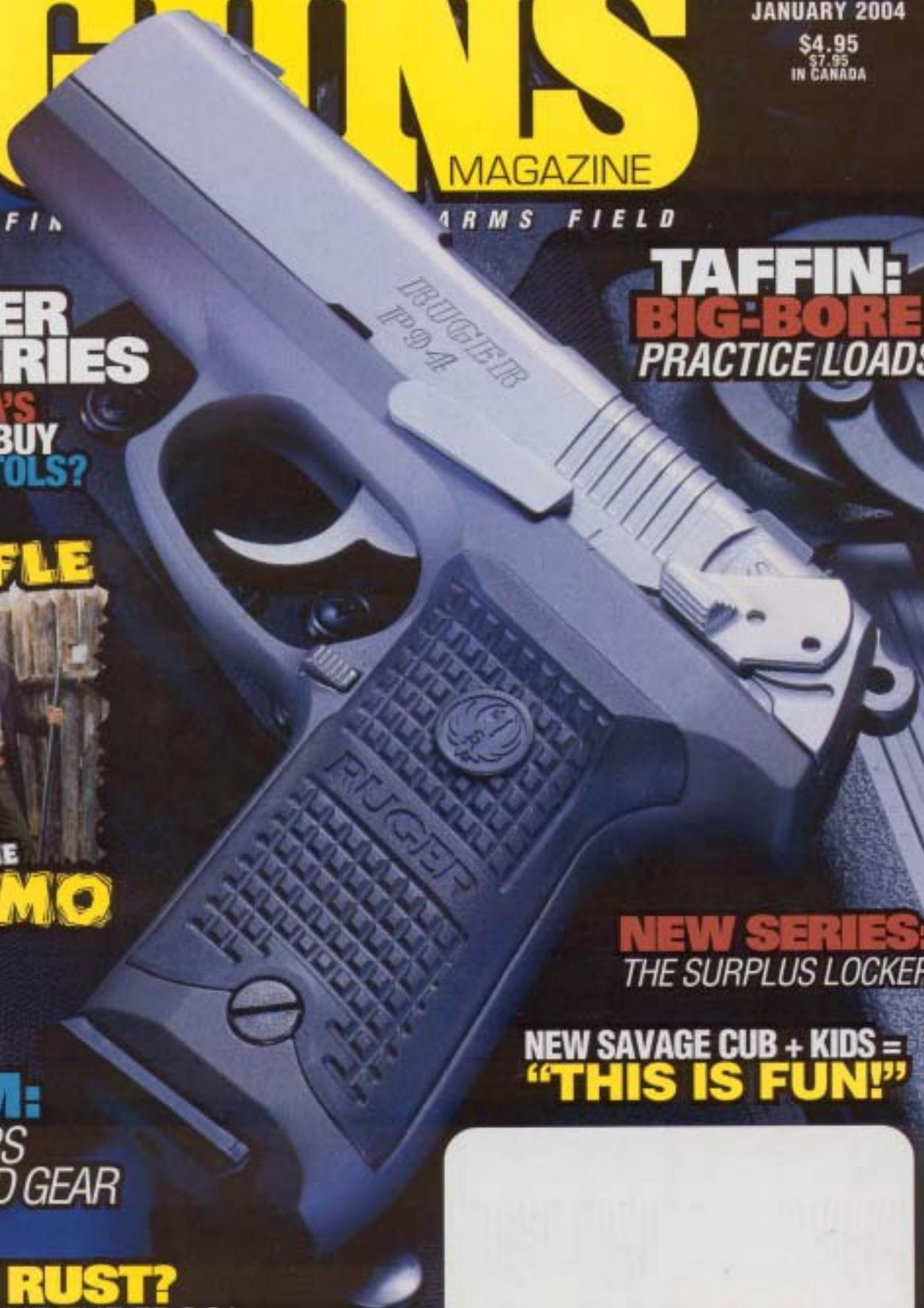
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THEN LOVE THE FROG!



# THE FROG IS OUR FRIEND

**Or how a bunch of skeptical gun guys found a new weapon against rust.**

**By GUNS Staff**

**T**hat ol' devil rust is a mighty sneaky character. Just when you think you've got him beat and can relax your guard, you find those @#\*&%H! orange blisters creeping along the surface of your favorite sixgun. We've all used a variety of oils, greases and silicones trying to stave off that rascal. Some work well, some don't. But there's something new on the horizon to aid us in this eternal struggle.

A package arrived at the *GUNS* offices several months ago. Inside was a variety of products touted as being the last word on corrosion prevention. A collective yawn went around the room — we've seen such promises before. However in the bottom of the box was a package containing two bottles filled with water, each with a wad of steel wool inside.

One marked "unprotected" was a rusty, inky mess. By contrast the second bottle showed clear water and undamaged steel wool. Eyebrows began to rise, and the consensus was this just might be worth looking into.

## Uncle Sam Swears By It

The package was from Bull Frog®, a name you may not yet know but which you should. Bull Frog and its parent Cortec Corporation have been in the rust fighting business for nearly three decades. Its unique VpCI® (Vapor Phase Corrosion Inhibitor) was initially designed to fight corrosion on shipboard electrical panels for the U.S. Navy. The results were so suc-



*These two bottles filled with steel wool and water got our attention. Left: The Tool Wipes and Gun Wipes are easy to use and effective.*

cessful, every branch of the U.S. military now utilizes this technology, as well as some 100 military forces around the globe.

To better understand what VpCI means in practice let's look at the Bull Frog Rust Blocker Cup and compare it with the common silica gel dehumidifier often used in gun safes and cabinets. The latter actually absorbs moisture from the air, much as a sponge absorbs water. Like a sponge, it has a fixed capacity, and after it has absorbed all the moisture it can hold, it offers no further protection to your hardware. In other words, leave your gun safe open over the weekend and you've probably saturated your silica gel dehumidifier.

Rather than absorbing, the Rust Blocker emits a constant flow of VpCIs which are actually attracted to metal. They migrate throughout the enclosed space, forming an invisible barrier on metal surfaces which excludes the moisture and oxygen which are responsible for corrosion. If you leave your safe door open, your firearms are still protected, and once the safe is closed again, the process of flooding the compartment continues until the emitter is exhausted.

So how long does it last? One full year of protection is claimed, just be sure to use an emitter that is equal to the task. Rust Blocker Strips are rated to protect one cubic foot, the Rust Blocker Cup up to 11 cubic feet and the Rust Blocker Shield secures up to 100 cubic feet.

### Performing Our Own Tests

Tossing an emitter in the gun safe and then telling you we experienced no corrosion wouldn't be much of a testimonial. However Bull Frog offers a host of related products, and we put some of these to the test.

One offering is the Rust Blocker Gun Sleeve. These are lightweight, zipper closing sleeves that have a soft, non scratching liner and an exterior that looks something like Mylar. We took a section of blued steel pistol barrel, degreased it thoroughly to remove any protective oil, and enclosed it in the pistol-sized sleeve. We then suspended it in



# RUST BLOCKER GUN SLEEVE

New High-Performance VpCI™ Technology

- BLOCKS RUST through surface moisture and corrosive gunpowder deposits prior to cleaning
- PREVENTS S nonabrasive
- ABSORB even the

*Rust Blocker Gun Sleeve protected this blued steel barrel from 45 days of steamy exposure.*

our scientific humidity chamber (okay, so it was a household shower) and left it untouched for 45 days.

In addition to unseasonably humid weather, it was subjected to the random water droplets and 100 percent humidity of a hot steamy shower at least once each day. Result? Nary a spec of rust, and quite frankly we were impressed.

Perhaps we shouldn't have been. One of the military products is a heavy-duty shrink wrap cover that may be placed over something the size of a helicopter or fighter jet and which offers complete corrosion protection inside and out for as much as five years. Imagine that!

Another Bull Frog product we put to use is the Rusthunter Gun Wipes and Tool Wipes. These couldn't be easier to use. Pop the top and pull out one pre-moistened wipe. When applied to the metal surface, it initially forms a soapy paste, and to be honest, we were a little dubious. But this dried very quickly and the end result seems to offer excellent protection.

One of our guys has been using the Tool Wipes on his machine tools with good results. Another used them on an in-the-white barrel that was starting to show some film rust. After the application, there has been no further sign of corrosion, despite being handled repeatedly with sweaty hands over the course of a couple months. And there's no greasy, oily film to stain the stock blank this barrel is being inlet to.

That's a real plus for many of these Bull Frog products. Yes, Bull Frog offers oils and greases too, but the Rusthunter, whether in spray or wipe form, as well as the Tool Wipes and the emitter products leave no oily, greasy residue to stain your hands or your clothes.

Think about it. New firearms from all the major manufacturers don't arrive at the dealer swimming in oil. Rather they arrive wrapped in Vapor Corrosion Inhibitor paper or with a VCI tab inserted in the box. Perhaps you've even wondered what that little piece of cardboard was in your new gun's box or enclosed with a set of loading dies.

Commercial industry has been using this technology for years, and the Bull Frog VpCI process is the latest and best evolution. Given Bull Frog's widespread use throughout industry (roughly thirty million in industrial sales last year) as well as use by the U.S. and foreign militaries, why shouldn't the average shooter and hunter take advantage of this proven performance?

And if like us you tend to be a little skeptical, we dare you to try it. Give the Bull Frog products a good workout and we bet the frog will become your friend too.



**FOR MORE INFORMATION:**

**Bull Frog**  
[800] 4-CORTEC  
[www.bull-frog.com](http://www.bull-frog.com)