

# Firearm Optimization- Conditioning Protocol

## Modern Spartan Systems "Different Chemistry - Unmatched Results"



### **Forget "maintenance" - "OPTIMIZE" firearms!**

It is about **CHEMISTRY, PHYSICS & RESULTS!** We have the most powerful and revolutionary formulas available for removing contaminants and reducing friction. You will love what our technologies do for your firearms. The bottom line that differentiates us from the competition is that we are able to reduce friction (up to 85-90%) by changing the surface structure characteristics of metal. We make metal harder, smoother, and tighter on a microscopic level – **resulting in actual improved performance!**

The "**OPTIMIZATION effect**" on firearms includes:

- 1) Improved accuracy (90-95% of the time)
- 2) Phenomenal reliability (in ALL TEMPS & ENVIRONMENTS)
- 3) Super smooth action – great functionality
- 4) Extended barrel life (cooler barrels, less wear, up to 5-15X)
- 5) Dramatically faster cleaning (cuts cleaning time by 75%)
- 6) Perfect for all firearms (muzzleloaders to mini-guns)

Our formulas are environmentally, people & "nose" friendly and American made. They are easy to use, cost effective, and field proven around the

world! ***Put our "system" to the test and let us know what happens – we love more testimonials!***

## *Your' Friends at Modern Spartan Systems*

### **Important information to know prior to using Spartan products**

**Spartan formulas are designed to be used as a "system".** Each product has a particular purpose and role to play on the "team". When the products are used together as a "team", the firearms will function at an improved OPTIMAL level.

**Our cleaners have two phases to be tested: both immediately observable and impressive. Phase 1)** Carbon Destroyer and Copper/Lead Destroyer initially are your "surface prep" products that will prepare the metal for the molecules in our metal conditioning lubricants (Accuracy Oil and Accuracy Grease). They will remove deep down embedded carbon and contaminants that other cleaners don't reach. **Phase 2)** After the initial cleaning and firearm conditioning is complete a protective shield is in place. The contaminants are sitting on the surface and the cleaners will do their job super-fast.

*(To demonstrate the deep cleaning ability of Carbon Destroyer do the following. Prior to using any Spartan formulas on a gun, thoroughly clean all metal surfaces **with your current cleaner**. Once you are satisfied that it is clean, apply a fair amount (does not need to be dripping) of Carbon Destroyer and allow the chemistry to dwell for 1-3 minutes. As it activates and reaches down into the pores of the metal, you will likely see more "gunk" coming out of the gun. We call this "detoxifying" – a whole new level of firearm cleaning. **Our products work great in ULTRA-SONIC cleaners – do not use heat, only ambient temperature**).*

**Our "lubricants" are not lubricants in the traditional sense.** The molecules in the carriers smooth and tighten the surface structure of metal - making it more pristine – exactly how a manufacturer would have the metal surface look like in an ideal world. The 90% drop in friction enhances spin, trajectory and velocity and is why shot groups will often tighten. **We do not control shooter error; what we do control is improving the precision of the tool.**

**We shine brighter in "extreme conditions".** Because we function like a dry lube and drop friction so dramatically, friction related malfunctions will flat-line. This is harder to test AND shows up more based on the current available weather and environment (cold, hot, rain, humid, salty air, blowing sand...).

**We shine brighter over time.** Some benefits are highlighted over time and number of shots fired (friction related malfunctions, extended number of rounds fired in-between cleanings, barrel life, extension of how long a barrel holds accuracy, throat wear, corrosion protection...).

**The accuracy improvements: 1)** show up best in long barrel guns (greater surface area - longer runway), but it does show up in handguns, and **2)** accuracy is more demonstrable on factory barrels (rougher) than it is on "match grade" barrels (smoother).

**Spartan impact on barrel temperature** If you had two similar guns (one treated the other not treated) and shot the same ammo at the same rate, the treated firearm would run cooler (we have seen 10-40%). This can impact suppression fire situations by allowing more rounds to be fired, safer handling, less cook-offs or stove-piping, and can even impact the "mirage effect" and ability to accurately see the target.

**Salvage is possible:** In addition to preventing rust and corrosion, Carbon Destroyer and Accuracy Oil are great at removing rust and corrosion.



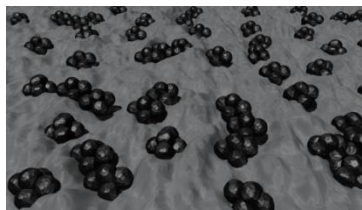
## **Firearm "Optimization Procedure"**

If you use our products and do not follow these instructions, you will still get good results. If you follow our one-time step-by-step "conditioning protocol" instructions and regularly use our products, you will gain the maximum benefits. **We strongly recommend shooting 40 rounds prior to using Spartan chemistry on NEW barrels as part of the break-in procedure to remove burs and machining imperfections.**

*Do NOT look at cleaning and lubing your firearm as a chore that can be neglected, look at it as a prime component that you control and is necessary to maximize your shooting performance.*

### **Follow these simple steps:**

1. **Remove carbon fouling.** To remove carbon fouling down to the pores on the metal in your firearm, use **Spartan Carbon Destroyer™**.

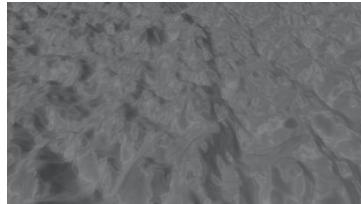
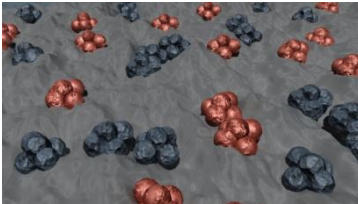


Liberally apply (not dripping) to all parts of the firearm that have carbon build up. Let stand and activate for 1-3 minutes along with some mild agitation, then wipe/rinse, and repeat as needed. Remove fouling using standard brushes, patches, cloth, or rinse with water and dry.

- 2. Remove copper and/or lead fouling (if needed).** If copper and/or lead contaminants are present, remove them with **Spartan Copper/ Lead Destroyer™**.

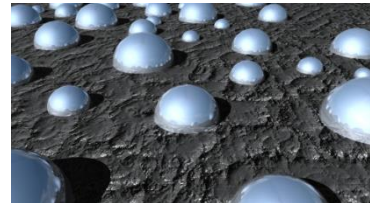


Liberally (not dripping) apply into the barrel and to all contaminated parts of the firearm. Let stand for at 3-5 minutes or longer depending on level of build-up. Agitate as necessary. Remove fouling using standard brushes, patches, or cloths. Reapply as needed. (Note – lead is a softer metal than copper. If the copper is removed, the lead will be gone too).



- 3. Condition with Spartan Accuracy Oil™.** To achieve maximum friction reduction, protect the metals from oxidation/corrosion and minimize the build-up of future contaminants, including and especially inside the barrel, you will apply **Spartan Accuracy Oil™**.

- Apply the product by running a lightly coated bore patch, cotton swabs or a clean cloth on all metal parts (slide, bolt, trigger system, bore, all internal parts..., even exterior metal) You do not need much product, just enough to coat everything thoroughly, but lightly. Allow 3-5 minutes for the product to penetrate. Wipe off any drips if needed. Since heat helps to “super-charge” and fully activate the molecules in the formula, firing rounds through the barrel is the key for creating a harder, smoother bore surface.



- ***Spartan Accuracy Oil™** has a very low viscosity and looks to many shooters to be “too watery” to work as a lubricant. The product is actually a penetrating metal conditioner and is designed with precise viscosity to best move the molecules into the pores and gaps of the metal.*

- *Shooters may notice that the **Spartan Accuracy Oil™** seems to have disappeared or evaporated. It has not done either. It has penetrated into the metal and attached the molecules into the pores and gaps, creating*

*a harder smoother surface. Little carrier oils are left to carbonize during firing or to attract and hold sand or other unwanted particles.*

- **Spartan Accuracy Grease™** in addition to Accuracy Oil, the grease can be applied on the slide rails and other internal parts where a shooter may prefer additional protection.



4. Load and fire 3-5 rounds.

5. Apply another coating of **Spartan Accuracy Oil™** inside the bore. *(Do not clean the barrel between shot groups. We want to load the molecules in the Accuracy Oil into the metal at a microscopic level. This is not bore lapping and will not build up).*

6. Fire off a second group of 3-5 rounds.



7. Repeat steps 5 and 6 (lube and shoot) three additional times. This will give you a total of 5 shot groups.

- *You have now integrated and activated the **Spartan Accuracy Oil™** molecules into the metal components of your firearm.*



8. **Continued maintenance:** Once you have completed the "break in/conditioning" process of your firearm, stay on a regular cleaning and lubricating schedule with **Carbon Destroyer™** and **Accuracy Oil™** as needed.

## 9. Work at your craft, enjoy the Spartan Advantage!

### Benefits for shooters:

- **Improved firearm accuracy (we help the physics of the firearm, not the aiming of the shooter)**
- **Excellent reliability – dramatically less friction related malfunctions (in all temperatures and environmental conditions).**
- **Super smooth action and functionality**
- **No splash-back, no mess and minimal smoke**
- **Significantly easier cleaning – typically 75% less time**
- **Extended barrel life (up to 5-15X)**
- **Long lasting – a little product goes a long way**
- **Safer to work with – our chemistry is environmentally friendly**

## Spartan Crystal Clear™

You need to see what you are shooting at. Spartan Crystal Clear is designed to give you clean, clear and sharp lenses to look through.

Drip or mist Crystal Clear directly onto the surface of the optic that you want to clean. Let stand for 15 seconds. Wipe and buff gently with a clean, dry cotton cloth, microfiber cloth or lens tissue until the contaminants are gone. (Great for safely cleaning all hard surfaces)

