

FROGLUBE TROUBLESHOOTING: TWO IS ONE, ONE IS NONE

WARNING

ALWAYS ensure the firearm is unloaded, rendered safe and the ammunition source is removed. Confirm this condition by doing a VISUAL INSPECTION and get a buddy check if it is available.



Q: Why do I need SOLVENT to do complete care for my firearm?

A: Firearms industry standard is for a MINIMUM OF TWO cleaning products; Degreasing Solvent and Lubricant. Professional references, accepted best practices, NRA instruction, manufacturers instructions and military technical manuals, they all say USE DEGREASING SOLVENT AND LUBRICANT. Here's some excerpts from these sources:

H&K P-series operator manual; Materials required • Cleaning solvent/lubricant

GLOCK Preventive Maintenance: Standard firearm solvents can be used on the pistol.

DO NOT OVER-LUBRICATE your GLOCK pistol, as large quantities of oil or grease will collect unburnt powder and other residue, which could interfere with proper functioning of your GLOCK pistol.

NRA Rifle Shooting, "CLEANING" chapt 4: 2 of the 6 Basic Materials needed to clean a rifle:

3. Bore Cleaning Solvent

4. Light gun oil

FrogLube's instructions for use blend those best practices derived from the authoritative sources shown in the example above in order to make a broadly applicable instruction that fits most firearms on the market and even those of prior generations such as antiques.

SOLVENT USED FOR:

- Degreasing
- Cleaning
- Removal of excess or "over-lube"
- Surface preparation for switching between products (oils, bore cleaners, greases)
- Surface preparation for painting or coating
- Removing 'old/worn' lube/grease and replacing with fresh lube or grease
- Winterizing
- Rifling bore cleaning



- DS or degreasing solvents are primarily used to remove normal fouling produced by firing of the weapon. Deposits produced by normal firing and found inside the action, chamber, barrel and trigger housing must be cleaned and dried and there should be no residue left from incomplete cleaning or residues left by the cleaning product itself. If the fouling is especially stubborn, then some parts may be immersed in the solvent and left to "soak" for hours or even overnight if necessary. Once way to speed this up is to use a stronger DS such as FrogLube's Super Degreaser concentrate. Another method is to immerse the parts in a ultrasonic cleaner with the FrogLube Degreasing Solvent of choice. FrogLube recommends the Super Degreaser at a ratio of 5:1, 5 parts water and 1 part Super D.

- Degreasing solvent is also used when switching from one brand of lube to another, or when switching from a temperate climate lube to an arctic lube, or when removing and replacing special purpose lubes and greases such as trigger, slide grease or bolt grease. You should avoid MIXING lubes in your firearm. The mixing may cause an unexpected reaction and could lead to oxidation or corrosion or worse to sticky or gummy action. When this happens, the fix is easy; field strip the firearm and clean it thoroughly with Degreasing Solvent or Super Degreaser.

- Removal of excess lube. Winterizing is done when you anticipate the onset of freezing temperatures in your environment. Regardless of lube, too much of it in the wrong place will cause problems in the freezing temperatures. In many modern firearms, the manufacturers have designed them to run with light to very little lube. A common error made by the end user is to over lube. Some guns sit for months in storage which presents another cleaning challenge which a good solvent will cure. A good degreasing solvent is the only thing that can remove excess, old, sticky or gummed up lube. Adding more lube to remove any 'excess' simply doesn't work.

- Rifling bore whether smooth or with lands and grooves which can collect fouling particles and residues. The shooter who desires accuracy is looking for consistency. If residues build up, they may impede consistency by creating a ballistic variable. Excess lube, worn or dirty lube must be removed from time to time depending on the quality of the barrel surface. Too strong of a bore cleaning solvent could remove 'good' fouling that bonds to the barrel surface to create consistent performance. FrogLube Degreasing Solvents are designed to remove only that fouling that could create variance and leave a clean, dry and residue free surface.

Result: Better firearm care results when the firearm is cleaned properly before lubricating and protecting.