

1. PREP-SAND WOOD SURFACES WITH MEDIUM GRIT, REGULAR SANDPAPER. (180-grit pref.)
 - a. Use light strokes w/grain.
 - b. Sand all surfaces lightly, but thoroughly and evenly.
 - c. Do not sand in the receiver well, or the areas sensitive to stock lock-up. (refer to CMP forum searches or military training publications for general information about stock fitting)
 - d. Avoid over-sanding.
2. APPLY VERY WELL-SHAKEN MILITARY OX STOCK OIL TO THE WOOD SURFACES USING 320 WET-OR-DRY AUTOMOTIVE BODY FINISHING PAPER.
 - a. With can inverted and sealed, shake very, very well to blend the pigments well into the mix.
 - b. Pour off one to two ounces into a small open-mouthed container and recap original can tightly.



3. TRI-FOLD A 1/8TH SHEET OF 320, PUT TWO FINGERS BEHIND IT AND DIP INTO THE JAR WITH A LITTLE STIR TO KEEP THE PIGMENTS BLENDED, AND DRIP THE OIL DIRECTLY ONTO THE STOCK WOOD PIECES, FORMING A SMALL POOL TO WORK WITH. WITH TWO FINGERS BEHIND THE TRI-FOLD, GENTLY RUB THE OIL INTO THE WOOD WITH THE GRAIN, KEEPING WET. (Some Reg. Agencies feel we need to wear a rubber glove for the oil application process. I never have, but then, I'm kind of wacky. So, use the blue type with this product if you do for solvent compatibility.)
 - a. Once over with the wet-or-dry paper is enough. Do not polish military stocks. The original texture put there by the 180-grit paper is not to be smoothed out. The 320 micro-scars the fibers groomed by the 180, providing maximum oil penetration into the fibers on the smallest level (molecular), and knocking the shine naturally reflected by those surface features down to a minimum, while still revealing the natural beauty of the woodgrain. This method reduces the visibility (shine or flash) that might telegraph position in the field.
 - b. Fairtrimmer's Military OX stock oil is not intended to change the color of stock wood. The red and brown pigments are selected to complement the majority of the worlds' military stock woods. (cont.)

Color is secondary, but should be somewhat uniform with ordinary standards of military or security units. Military oX stock oil has a unique feature regarding the shade adjustment of the oil to obtain a preference or slight correction for certain stockwoods or light areas, etc. within all stockwoods.

TO ADJUST SHADE OF MILITARY oX STOCK OIL:

a. FOR REDDEST TONES: Shake the can, inverted, for at least three minutes in a room temperature (65 to 85 degrees f.) setting. Open immediately and pour off 1 to 2 oz. oil into your finishing jar. Stir every time you dip to apply to ensure the red stays in the mix.

b. FOR LESS RED, MORE BROWN - WALNUT TONES: Shake the can the same way and duration. Pour off enough to do the job at hand into one small jar, let settle to your preference, (the red falls out much more quickly than any other pigment from Military oX stock oil, leaving browner oil for commercial rifles and shotguns where appropriate). Pour off into a second jar leaving the red pigments on the bottom of jar 1. From the original can, pour a small amount of oil into jar 1 and stir the red back into the mix, then pour back into original can and seal tightly for long shelf life. Proceed with application from jar 2.

4. PLACE WOOD STOCK PIECES ON PENCILS OR DOWELS TO ELEVATE ABOVE A CARDBOARD COVERING YOUR WORK SURFACE, turning stock pieces often to rewet areas that appear to dry out faster. Further sanding is not needed at this time; just pat it on with a small corner of rag or sponge. REFRAIN FROM SANDING THOSE AREAS SENSITIVE TO LOCK-UP. DO NOT SAND IN THE RECEIVER WELL. SOAK IT AND ALL WOOD AREAS WELL, THOUGH, AND WIPE ALL SANDED AND SOAKED AREAS TIGHT SIMULTANEOUSLY AT THE END OF THE SOAKING PERIOD. (Which should be around 1 hour at room temperature for maximum effect)

Note: (def.) "Wiping tight": Removing all the oil and residue from the stock wood after soaking with stock oil. Use clean, dry paper towels. Don't rub exceedingly hard with paper towels. It has a burnishing effect and creates shine. Rub with moderate pressure until a clean towel picks up no more color.

5. AFTER WIPING TIGHT, RUB THE SURFACE WITH THE BARE HEEL AND PALM OF YOUR HAND UNTIL IT GETS HOT ENOUGH YOU NEED TO MOVE YOUR HAND.

a. Use moderately firm pressure when hand-rubbing, and rub all the wood warm with this technique.

6. SET ASIDE ONE HOUR, THEN WIPE TIGHT AGAIN WITH CLEAN PAPER TOWEL.

7. PROPERLY LUBRICATE YOUR STEEL AND REASSEMBLE THE RIFLE. The soak takes about three days to cure completely, but it will be dry to the touch in a couple of hours from the start and the firearm can be reassembled and used immediately.

Note: Re-apply Military oX lightly the next day without disassembling. Let soak 15 minutes and wipe tight. Hand-rub wood again. Towel again. Wipe any oil on metal off with the corner of a damp thinner rag. I recommend premium, odorless, mineral spirits for all clean up.

NEVER THIN FAIRTRIMMER'S MILITARY oX STOCK OIL. Keep wood to be treated clean and dry for application. DO NOT SOAK WOOD WITH SOLVENT IMMEDIATELY PREVIOUS TO TREATING WITH FAIRTRIMMER'S MILITARY oX STOCK OIL. IF PRE-STAINING IS NEEDED, USE COMPATIBLE STAIN AND LET DRY COMPLETELY PRIOR TO APPLICATION OF MILITARY oX.

8. SCRATCHES, SCUFFS, ETC., CAN BE REPAIRED BY RESANDING AREA LIGHTLY W/180 TO OPEN UP, APPLYING oX OIL WITH 320, SOAKING 20 OR 30 MINUTES, WIPING TIGHT AND HAND-RUBBING AS BEFORE. Unless gouged deeply, the repair will normally blend seamlessly.

NOTE: Use the same steps, same sequence to refurbish the stock anytime you please.

Fairtrimmer's™ Finishing Guide, Formulator's Commentary #1

Mission: Formulate a user-friendly, high quality, high performance, refurbishable, wood stock oil appropriate for all rifle stocks but particularly customized for the hardwood military rifle stocks of today and days gone past, and make it affordable and accessible.

Priority one: Round placement responsibility

Question: How can an oil wood treatment affect accuracy?

A. The relationship of the wood to the metal may be referred to as lockup, seating, etc. Bedding usually refers to artificial (epoxy, etc.) filler; some competitions disallow. (J C Garand, as-issued military rifle, etc.) Military oX is a penetrating, curing oil, not a bedding compound.

Your receiver should fit into a stock in a fashion that is permanent, resilient (consistently springing back to the same, well-seated, pre-ignition position) and unvariable. The changes in environmental moisture (humidity) affect rifle stockwood by swelling or shrinking it. This effect can alter the relationship between the "point of aim" and the "point of impact", which is not a good thing. Some stocks "move" a lot, most move some, depending on their individual properties, and the fluctuation of the conditions affecting them, of course. Fairtrimmer's Military oX™ stock oil reduces the chance of this (dramatically in some stocks), whereas the older oils of different types (BLO, Tung, etc.) fall short at this because of their innate properties. They may dry, but they don't cure. Moisture, like that which is present in humid environments, migrates through them on the molecular level to swell the wood; or uncured oil migrates out (oozes) in the hot, arid settings, attracting dirt and grit, causing the wood to dry out and lose resilience, therefore loosening lock-up in response to repeated recoil compression. (A proper Military oX™ treatment can rescue many stocks with borderline lock-up, replenishing lost oils and curing to restore wood condition and recovering some resilience behind the receiver)

Up to now, any formulations that would prevent stock swelling also left a lacquer or varnish on the surface of the stockwood which is totally inappropriate. No war or hunting rifle should have any highly reflective surfaces that might flash. Fairtrimmer's Military oX stock oil treatments applied properly, according to Fairtrimmer's instructions, will not flash, yet will provide high resistance to the effects of environmental moisture so that if you sight in on a dry day, and the rifle is put into service or competition on a humid day, it is less likely to make any difference, and that is a more effective and realistic approach for today's shooters in relationship to their **RESPONSIBILITY FOR ROUND PLACEMENT.**

This feature alone, will in many cases, tighten groups dramatically, improve consistency, and raise scores in competition. There is no underestimating the importance of reliable round placement. If a gunner is cutting up your friendlies, and you have the position and the angle, how many shots do you want it to take you to stop those rounds from coming in? You may be TESTED later. Increase stock stability with Military oX stock oil and hope your buds do, too!

Properly applied, Military oX stock oil provides a genuine oil-treated appearance and refurbishability, but has the added benefit of real protection against environmental moisture.

To boot; This stock oil has been oven tested, and did not weep oil from pores, remaining dry and grippable without ooz to pick up grit to get on your hands - mag - into action. These benefits and features are good things for you. You can't have any more respect for a rifle than you show when you treat the stock with Fairtrimmer's Military oX stock oil.

Good care will repay one at ignition, a brief moment in time that can forever change lives.

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