

February 27, 1958

Mr. Robert E. Wolff
 Box 502
 Oshkosh, Wisconsin

Dear Mr. Wolff:

Your letter has been referred to us for answer. First let me thank you for your interest in our fine Remington M/740 antilocking rifle. A letter such as yours, which draws our attention to difficulties experienced with our product, is a service to us and we appreciate your help.

Your question concerning the functioning of the M/740 in cold weather can be quite simply answered and we can tell you how to make the rifle reliable with very little difficulty.

As you no doubt know, our guns are coated with a special rust preventive just prior to shipment. This material must be of a special nature in order to be sure it is not removed by contact with the fibreboard box or filling and that it does not run off or evaporate during storage. It must still serve the original purpose--to prevent rusting in shipment and storage. In cold weather this material, of course, becomes very viscous and if left in the action may cause it to become sluggish.

We have found that the fire control assembly and the bolt - bolt carrier - firing pin assembly must be cleaned thoroughly with solvent (mineral spirits or gasoline), to remove this preservative. We then lubricate for winter use with a dry lubricant such as graphite or molybdenum sulfide (Moly-Kote). We realize, of course, that this means lubricating for warm weather use and then cleaning and relubricating for winter use.

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The above remedy is not necessarily ideal. We would like to produce a rifle that can be taken out of the packing and shot winter or summer without lubrication. At the present time, this is not possible, but it is still our goal and we are working toward it.

I hope that this information will satisfy you and will help your shooting friends who own Remington M/740's.

If in the future you have any further questions, have no hesitation about writing us.

Very truly yours,

J. W. MILLER, Supervisor
Process Research Section

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