Removing rust from PMGR field cases

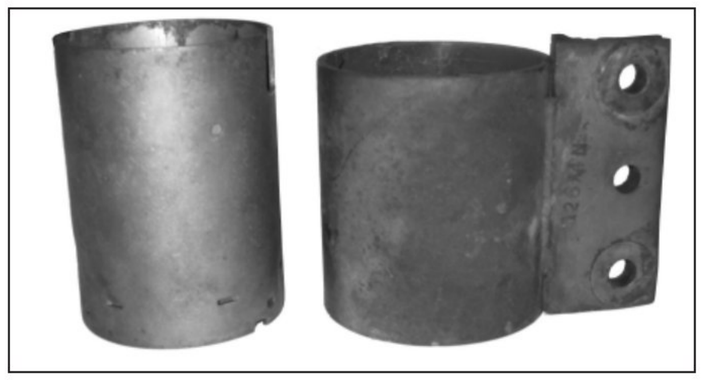
COLUMN BY RICHARD R. VENSEL



Field cases seem to attract rust more than any other part in rebuilding, and no part of them seems to be immune, whether it is inside or out. We recommended cleaning before using a field case that has rust.

The best and easiest way we have found to clean them is by using EVAPO-RUST. This is a liquid product containing no VOCs, acids or solvents. It does not have fumes or bad odor and will not attack steel, only rust. It is safe on the skin, and is biodegradable and water-soluble. It will not harm unrusted steel and will not affect plastic, rubber and most paints.

This is how to use it:



- Submerge the rusted part completely—it will bond to the iron oxide and remove the oxide but is too weak to remove the iron from the steel. Once the chelating agent has removed the oxide a sulfur—bearing molecule frees the rust from the iron, now leaving a black film on the surface.
- Now the part can be rinsed and wiped off with water, allowed to dry, and then painted.

Have any questions? Give me a call at (800) 662-6099 or e-mail at rvensel@comcast.net.

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