

## **Refurbish you Old Diesel Fuel by Jack Hiner**

If the lid has not been properly tightened and sealed on a container of diesel fuel that has been opened and stored for a long time the ether content will evaporate, causing some hard starting problems. The following procedure will restore your fuel to like-new attributes..

Get some John Deere tractor starting fluid in a can. The can indicates 80% ether and 7 ounces. I get about 8 ounces when finished. I hold the can upside down and spray out the propellant. Then I place in the freezer for a couple hours to slow down the ether molecules. Then on a cool day, away from any flames or sparks, I punch two holes in the top of the can with an awl. One hole to pour the ether the other a breather. I pour in into the gallon can all 8 ounces. Earlier this year a fellow gave me a partial gallon of fuel from the late 1990's. I ran one of my diesels on this fuel and it required a higher than normal compression setting. Adding a can of John Deere starting fluid to the almost full gallon made the fuel like new. If you know a druggist you may be able to get some ether from a drug store. Some guys do but I have not tried this since the late 1950's. It make take two cans if the fuel is real flat. Too much ether just makes starting even easier with maybe a bit of power lost. When tightening the lid on the metal can I use a strap wrench. Also for removing the lid. Wash the lid and can before tightening to remove oil. After you think it is tight enough hold the can upside down to see if there is a leak. Also after a couple days if you smell ether you have a leak.