

FROGLUBE MYTH: GUMMY

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.



GUMMY CONDITIONS ARE CAUSED BY INCOMPLETE OR IMPROPER CLEANING.

There are typically two sources of 'gummy' substance found inside guns and they are largely hydrocarbon-based.

1. Fouling from unburned propellant from ammunition. Propellant deflagration (low explosive) results in some unburned powders left on metal surfaces.

2. Fouling from the hydrocarbon in petroleum-based gun care products. Hydrocarbon has the characteristic of bonding to itself because of its property as a long chain molecule. This property makes it a good lubricant inside low-moderate temperature applications such as automobile engines. It is not so good inside of high temp applications such as firearms. Above 200°F (93°C), most petroleum-based cleaners or oils will flash off (ignite) and deposit burned carbon as a byproduct.



FACT: FrogLube LP Products alone do not get 'gummy'. This fact can be tested by isolating a small amount of FrogLube LP and leaving it exposed to the environment for extended periods of time. Close observation will show that it remains very stable and will not change, such as become gummy.

If FrogLube is combined with petroleum or hydrocarbon fouling, the resulting mixture could trap particles of 'gummy' hydrocarbon. Why? FrogLube LP is a very durable lube and will not 'burn off' under extreme heat such as the firing of a firearm. This mixture can be 'pressed' into firearm spaces by the extreme pressures created in the chamber when firing occurs.

SOLUTION: Use a non-petroleum degreasing solvent to remove any fouling or dirty lube after firing. The surfaces and internal spaces should be cleaned by thorough flushing out or soaking parts in a tub of degreasing solvent to ensure any unwanted gummy material is removed.



The parts should be inspected and should be clean, dry and residue-free before re-applying clean lube. NEVER add clean lube on top of dirty lube.

FrogLube recommends the two types of degreaser products that we make: FrogLube Super Degreaser 'concentrate' OR FrogLube Solvent



FrogLube Super Degreaser:
Can be diluted to desired strength.
5:1 Mid Strength 10:1 Light Duty

Both work the same, both clean and degrease and both come with our genuine factory warranty.

FrogLube Solvent: Made to use straight out of the bottle. Great for everyday cleaning sessions.