

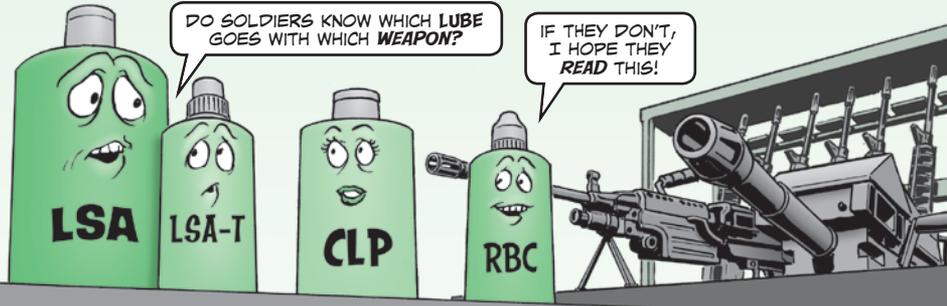
Small Arms...



THERE ARE CHOICES WHEN IT COMES TO LUBING YOUR RIFLE, MACHINE GUN OR PISTOL.

BUT SOMETIMES IT'S DIFFICULT TO KNOW WHAT'S THE BEST CHOICE. HERE'S...

...THE LOWDOWN ON LUBES!



DO SOLDIERS KNOW WHICH LUBE GOES WITH WHICH WEAPON?

IF THEY DON'T, I HOPE THEY READ THIS!

SMALL ARMS LUBRICANTS DIFFER IN VISCOSITY (HOW EASILY THEY FLOW), CHEMICAL COMPOSITION AND HEAT RESISTANCE.

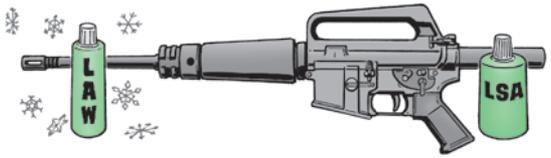
THESE CHARACTERISTICS DICTATE WHICH LUBRICANT TO USE DEPENDING ON THE WEAPON AND ENVIRONMENT.

YOUR -10 TM IS ALWAYS THE BEST GUIDE TO CLEANING AND LUBING YOUR WEAPONS, BUT HERE ARE SOME GENERAL GUIDELINES ON LUBRICANTS...

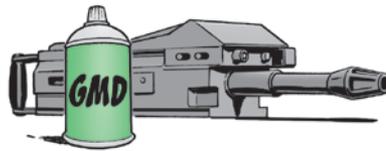
FOR THE M249 MACHINE GUN AND THE M3 RECOILESS RIFLE, USE ONLY CLP REGARDLESS OF THE TEMPERATURE.



ON THE M231 FIRING PORT WEAPON, DON'T USE CLP. USE ONLY LSA IN NORMAL CONDITIONS AND LAW IN EXTREME COLD.



FOR THE MK 19, NEVER USE CLP-IT'S NOT STRONG ENOUGH. USE GMD (GREASE, MOLYBDENUM DISULFIDE) IF YOU CAN GET IT.



IF YOU CAN'T GET GMD, USE LSA OR LSA-T. IF THE TEMPERATURE DROPS BELOW 0°F, IT'S OK TO USE LAW.



RBC
(RIFLE BORE CLEANER) IS NOT A LUBRICANT. IT'S STRICTLY FOR CLEANING OUT CARBON AND POWDER FROM THE CHAMBER AND BORE. REMEMBER, WHEN YOU'RE FINISHED USING RBC, YOU NEED TO LUBE YOUR WEAPON.

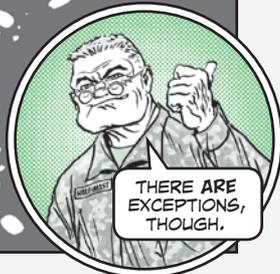
CLP
(CLEANER, LUBRICANT, PRESERVATIVE) IS USUALLY THE BEST CHOICE FOR TAKING CARE OF YOUR WEAPON SINCE IT CLEANS, LUBES AND PRESERVES IN ONE STEP.

CLP AND LSA CAN BE USED ON MOST WEAPONS AS LONG AS THE TEMPERATURE IS -10°F OR HIGHER.

LSA
(LUBRICANT, SEMI-FLUID, AUTOMATIC WEAPONS) AND **LSA-T**
(LUBRICANT, SEMI-FLUID, AUTOMATIC WEAPONS WITH TEFLON®) ARE STRICTLY LUBRICANTS. SO BEFORE USING THEM YOU MUST FIRST CLEAN YOUR WEAPONS WITH DRY CLEANING SOLVENT, MIL-PRF-680 TYPE II. ALWAYS DE-GREASE THOROUGHLY WHEN CHANGING LUBES.

WHEN THE TEMPERATURE DROPS BELOW -10°F, YOU CAN USE **LAW** (LUBRICATING OIL, ARCTIC, WEAPONS).

IF IT'S BELOW 10°F, USE ONLY LAW ON MOST WEAPONS.



THERE ARE EXCEPTIONS, THOUGH.



WHEN YOU'RE LUBING, REMEMBER A LIGHT LUBE MEANS A FILM BARELY VISIBLE TO THE EYE.

A HEAVY LUBE MEANS A FILM THICK ENOUGH TO SPREAD WITH YOUR FINGER.



IF YOU NEED THE NSNs FOR THESE LUBRICANTS AND CLEANERS, SEE YOUR -10 TM OR PAGE 23 IN PS 671 (OCT 08) AT: <https://www.logsa.army.mil/psmag/archives/PS2008/671/671-23.pdf>

NOW THAT YOU'VE GOT THE WHOLE LUBE STORY, MAKE SURE ARMORERS AND SOLDIERS READ THE STORY. COPY THIS ARTICLE AND HAND IT OUT AT THE NEXT SERGEANT'S TIME.



POST IT ON BULLETIN BOARDS, TOO.