

**SMALL CALIBER (5.55MM TO CAL .50) WEAPONS –
GENERAL CARE AND LUBRICATION
HOT WEATHER/DESERT OPERATION**

This abbreviated checklist is not to be used as a replacement for the – 10 series Tech Manuals or any other PMCS guide

GENERAL

WARNING – Pay special attention to daily climate conditions. As the ambient temperature rises, the potential for a hot weapon cookoff also rises. This can result in injury or death to personnel.

1. Perform routine maintenance (cleaning and lubricating) at twice the recommended frequency. Problems of sand and dust contamination will be minimized. Clean in enclosed areas when possible, away from blowing sand.
2. Wipe weapons off with a clean, dry cloth every chance you get.
3. Give special attention to moving parts, like the bolt carrier. Wipe and brush them as clean as possible. Use your own lung power to blow out sand from areas like the trigger assembly that you are not authorized to disassemble.
4. Limit lubrication with Cleaner, Lubricant and Preservative (CLP) and other lubricants to internal parts to avoid sand and grit. Wipe the outside of your weapon dry.

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**SMALL CALIBER (5.56MM TO CAL .50) WEAPONS:
GENERAL CARE AND LUBRICATION**

ORGANIZATIONAL CLEANING

WARNING – Be sure to clear weapon before disassembling, cleaning, inspecting, transporting or storing.

Eye protection is recommended when cleaning your weapon or its parts. Cleaning solvent is FLAMMABLE and TOXIC, and must be kept away from sparks and open flames. Only use in a well-ventilated area. Use of rubber gloves is necessary to protect the skin when washing weapons parts.

CAUTION – To avoid damage to equipment, do not use dry cleaning solvent on wood, plastic, sealed buffers, electronic parts, rubber, leather, electric solenoids, or the entire MK19 Grenade Machine Gun.

1. With the exception of the MK 19 Grenade Machine Gun, periodically flush out sand and other debris from all small arms using the following supplies:
Cleaning compound solvent (SD), MIL-PRF-680, type 2.
Wash pan, PN 1211, Chemical and oil protective gloves, 22-G-381. Brush of appropriate size. Refer to your weapons operator manual.

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**SMALL CALIBER (5.55MM TO CAL .50) WEAPONS –
GENERAL CARE AND LUBRICATION**

GENERAL (continued)

5. Store weapons in a covered, wind protected area when you are not using them, with a blanket or poncho. Use rifle covers, muzzle caps, and spare magazine bags as much as possible. This will protect barrel sights and working parts from sand and dust.
6. Cover all mounted machine guns.
7. On rifles, keep the ejection port cover closed and a magazine installed.
8. Do not expose cartridges, magazines, and ammunition container to direct sunlight. Firing weapon with ammunition at an elevated temperature could subject weapons to an over-pressure.
9. If exposed to water, disassemble, clean lubricate and reassemble as soon as possible. Make sure it's dry.
10. Nuclear, biological, and chemical (NBC) decontamination procedures can be found in the field manual (FM) for your specific weapon.
11. If weapon stops firing, apply Immediate Action Procedures (IAP). Do not open cover assembly. If cover assembly is opened on a hot weapon, an open-cover cookoff could occur.

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**SMALL CALIBER (5.55MM TO CAL .50) WEAPONS –
GENERAL CARE AND LUBRICATION
LUBRICATION**

NOTE – Lubrication instructions are mandatory. Do not mix lubricants on the same weapons. The weapon must be thoroughly cleaned during change from one lubricant to another. Cleaning Solvent (available to unit maintenance) is recommended for cleaning during change from one lubricant to another. Only lubricants and cleaners specified in your weapons operator manual are authorized for use on your weapon system.

Lubricants listed in Table 3-1 (refer to TB 9-1000-262-DT, pg 3-13 thru 3-15) are used to meet varied needs. The lubricants should be used within the prescribed temperature range for a particular weapon in conjunction with the lubrication instructions in their applicable technical manuals. Refer to Table 3-2 (refer to TB 9-1000-262-DT, pg 3-16 thru 3-20) for your specific weapons system.

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