



# VpCI™ SOLUTIONS FOR MILITARY APPLICATIONS

## CASE HISTORY

# Preservation of Weaponry



**STEP ONE**

**PROJECT**  
Preservation weaponry

**DATE**  
February 2003

**CORTEC REP.**  
CorteCros Co. Ltd.

**CUSTOMER**  
Croatian Army

**LOCATION**  
Zagreb, Croatia



**STEP TWO**

**PRODUCTS**  
VpCI®-126 bag MIL PRF-22019D, MIL B 22020D, VpCI™-325 Protective oil and lubricant MIL C-81309E (Grade 5), Re Grip rubber cleaner & revitalizer, Grease coating for leather and textile.

**PROBLEM**  
The Croatian Army was looking for solution to corrosion protection of weaponry in storage condition. These storage conditions were in different climates-continental climate and mountain climate and Mediterranean climate.

**APPLICATION**  
**STEP ONE:** Degreased and cleaned, unpainted weaponry parts were coated with a tin layer of protective oil VpCI™-325 Protective oil and lubricant.  
**STEP TWO:** The weaponry fixed onto special holders to drain excessive protective VpCI™-325 oil into container.

**CONTINUED..**

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## CONTINUED



**STEP THREE**

**STEP THREE:** The VpCI™-325 oil coated weaponry was placed into protective VpCI®-126 bags. The VpCI®-126 bags were sealable using specialized equipment.

**STEP FOUR:** Packaging weaponry and other parts of equipments in boxes. Other parts of equipments as rubber, and leather, and textile must be clean and coated with Re Grip rubber cleaner & revitalizer, and grease coating for leather and textile. These parts were placed into protective VpCI®-126 bags too. VpCI®-126 bags are different dimension, depend of weaponry and parts of equipments.

## CONCLUSIONS

The Croatian Army used VpCI™ technology to preserve weaponry over 10 years. VpCI™ use is effective in protecting the safety of military personnel, eliminating hazardous waste disposal, reducing labor cost, and preserving war readiness.

The benefits are:

- Easy of application
- Economic advantages (low-cost products, reduced maintenance cost, less-frequent reapplication of products, reduced loss of assets)
- Extended life expectancy of equipment



**STEP FOUR**

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