



## METALON SPRAY PENETRANT

Anti Wear

Friction Fighter

### INFORMATION and ASTM/ENGINEERING DATA

**METALON SPRAY PENETRANT** is a hydrocarbon complex specifically formulated to help reduce wear and friction of ferrous and non-ferrous metals. **METALON** unites chemically with the metal component molecules, forming a microscopic, monomolecular, wear-resistant shield. This exclusive lubricating formula combines the extraordinary features of **METALON** with other components that meet Military Specification requirements. **METALON SPRAY PENETRANT** will help to increase production and service life of equipment, reduce down-time and crucial wasteful maintenance expenditures.

**METALON SPRAY PENETRANT** is Non-Flammable. This provides an important margin of safety where potential hazards exist. Its high dielectric strength permits effective cleaning and retardation of electrical corrosion. The penetrating and "creep" properties help to free, lubricate and protect rusted and seized components. Moisture is driven out. A little goes a long way, which makes **METALON SPRAY PENETRANT** very cost effective.

**APPLICATION: METALON SPRAY PENETRANT;** aerosolized for convenience, uses CARBON DIOXIDE (CO<sub>2</sub>) as a propellant, which is classed as "OZONE SAFE". Spray at a distance of 6" to 18". Gentle pressure on the nozzle will produce a "conical" spray pattern, whereas full nozzle pressure causes a "Jet Stream" spray. The extension tube allows directional application to remote locations. It will penetrate, clean and lubricate, permitting the device to perform as intended. A protective film is left on exposed surfaces to guard against rust and corrosion.

**TYPICAL USES:** Tools, Locks, Valves, Guns, Mechanical Linkages, Rusted Bolts, Nuts and Parts, Air Tools, Fishing Gear, Electric Motors, Jack Hammers, Sliding Mechanisms, Bicycles, Hinges, Chainfalls, Chainsaws, Nailing and Fastening Tools, Machine Threads, Tool & Dies, Drilling, Tapping, Metal Drawing and Forming, Broaching, Sawing, Milling Operations, Carburetor Linkages, Motorbikes, Mold Releases ( only if non-plastic or natural rubber ), etc.

**NOTE: METALON SPRAY PENETRANT** should be used only with adequate ventilation. Avoid prolonged inhalation of vapors. Some plastics, natural rubber and paint finishes may be adversely affected by overspray. Test on an inconspicuous area first to insure safe application. **METALON SPRAY PENETRANT** cannot repair mechanical or electrical defects.

#### INSPECTION DATA:

(According to ASTM Specifications)

#### DESCRIPTION

Specific Gravity  
Pour Point °F (°C)  
Flash Point °F (°C)  
Copper Strip, Corrosion Test  
@ 140 °F (60 °C) for 3 hours  
Dielectric Strength

#### ASTM METHOD

D-482  
D-97  
D-92  
D-130  
  
D-117

#### TEST RESULTS

1.275  
-70 (-57)  
NON-FLAMMABLE  
1a-Pass  
  
37 KV

#### COMPONENT DESIGNATIONS:

Military  
Joint Services  
NATO

MIL-C-23411A (YD)  
PX24  
C-634

**PACKAGING: METALON SPRAY PENETRANT** is packaged 12 (400g) cans per case.

NOTE: The information and data presented herein are based on tests, reports and research we believe to be accurate and reliable. The information and data are provided without warranty, guarantee or liability on our part and are therefore, provided to customers for their own investigation, verification and consideration.

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