



MULTI-PURPOSE MOLYBDENUM/PTFE

## MPT® Twelve Lubricant and Penetrant

**Ideal for hundreds of uses – around the house or the office, in the workshop and garage, even outdoors!**

MPT Twelve is the longest lasting lubricant and penetrant available. It protects against rain, snow, ice, heat, humidity, dust and salt-spray to prevent rust and binding, as its special molybdenum/PTFE (polytetrafluoroethylene) formula penetrates, cleans and lubricates, leaving a long-lasting protective film. MPT Twelve is stable over a wide range of temperatures (-60° to +500° Fahrenheit).

### MPT Twelve – Concentrated Formula Multi-Purpose Molybdenum/PTFE Lubricant and Penetrant

*Penetrating formula with rust inhibitors • Stops binding, sticking and squeaking • Cleans and protects*

Use MPT Twelve Concentrated Formula in critical applications where service failures are not acceptable. MPT Twelve is compatible with oils and greases, and can be applied to precision bearings; nuts and bolts; indoor and outdoor locks, latches and hinges; power tools; small motors; computers and printers; lawn mower, snowblower, bicycle and motorcycle cables; etc.



MPT Twelve Concentrated Formula is available in a 1/2 ounce oiler with snub nose tip (on left - part number MPT-12), 1/4 ounce oiler with needle tip for precise application in hard to reach areas (above - part number MPT-11), a four ounce bottle with drip dispenser tip (on back - part number MPT-16) and a quart refill bottle (not shown - part number MPT-15).



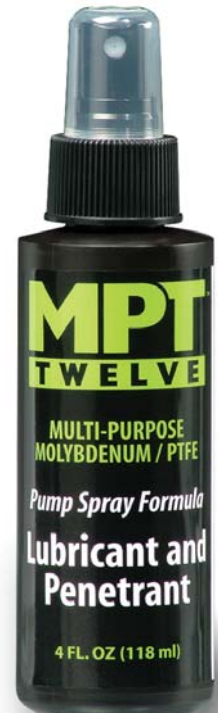
### MPT Twelve – Pump Spray Formula Multi-Purpose Molybdenum/PTFE Lubricant and Penetrant

*Environmentally-friendly pump spray bottle • Cleans and protects • Penetrating formula with rust inhibitors • Stops binding, sticking and squeaking*

Use MPT Twelve Pump Spray Formula for larger area applications where precision delivery is not required. MPT Twelve is compatible with oils and greases and can be applied to roller guides, sliding door tracks, cogs, pulleys, bicycle and motorcycle chains, etc.

Specially formulated for easy dispersal, MPT Twelve Pump Spray Formula (at right - part number MPT-13) is available in a special four ounce pump spray bottle that is convenient and easy to use. Also available in a quart refill bottle (not shown - part number MPT-14).

**SATISFACTION GUARANTEED.** MPT Twelve offers a money back guarantee with proof of purchase (empty container and purchase receipt required). Visit us on the web at [www.mptindustries.com](http://www.mptindustries.com) for details.



# MPT® Twelve Concentrate Lubricant & Penetrant Test Results

- When compared with other lubricant and penetrant products, **MPT Twelve** provides the longest-lasting protection available.
- Formulated with the finest ester and PAO synthetic base stocks, molybdenum, PTFE and special rust/corrosion inhibitors to provide outstanding protection that reduces friction and wear.
- Highly concentrated – contains no solvents or propellants. Locks and hinges, for example, require only a few drops for long-lasting protection.
- Prevents binding and freezing over a wide temperature range – from -60° to 500° Fahrenheit.
- Penetrates deeply to free rusted bolts and help resist corrosion.

## ASTM D-2714, Block on Ring Friction & Wear Test

Tests the wear preventative properties of a lubricant and its ability to reduce friction. The lower the coefficient of friction, the less force needed to move the parts.

### Test Results:

Coefficient of Friction of 0.193 @ 5000 Revolutions  
Ring Weight Loss, 0.4 mg  
Block Weight Loss, 0.1 mg  
Average Wear Scar, 1.079 mm  
PSI Load, 14.118  
Peak Friction, 0.397

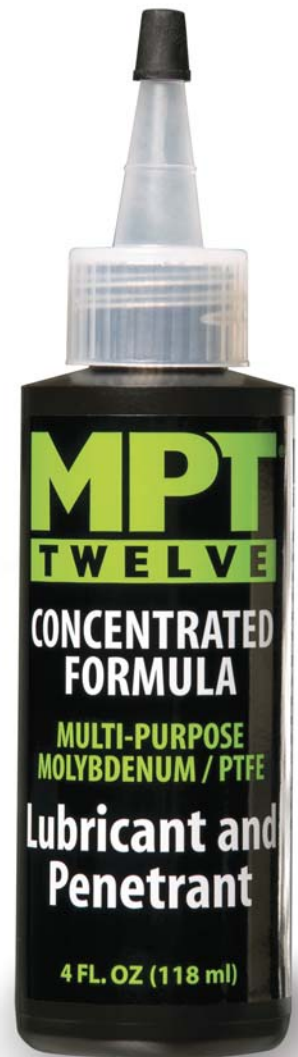
## ASTM D-972, Evaporation Loss (500 hour @ 85° C), 1.33% loss

## ASTM D-455, Viscosity Index, 183

Kinematic Viscosity @ 100° F (cST), 51.34  
Kinematic Viscosity @ 212° F (cST), 9.859

## ASTM D-92, Flash Point, 380° F

## ASTM D-97, Pour Point, -49° F



**MPT**®  
**INDUSTRIES**

Post Office Box 6181

West Caldwell, NJ 07007-6181

Phone: 973.989.9220 / Fax: 973.989.9234

www.mptindustries.com