



# 5-Way Plus Penetrant Pump

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## Product Data Sheet

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Updated : March 1996  
Supersedes : January 1995

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### Product Description

3M 5-Way Plus Penetrant is a new non aerosol pump spray which contains no aerosol propellants or ozone depleting chemicals. The system delivery 100% active ingredients where you want them at the press of a finger.

The small handy size dispenser is convenient and easy to use.

3M 5-Way Plus Penetrant is a silicone-free light duty lubricant that penetrates tight fitting areas, demoisturises, inhibits rust and cleans metal parts.

3M 5-Way Plus Penetrant is an excellent lubricant for machines and precision instruments. It is ideal for use as a tapping lubricant for stainless steel and aluminium.

Effectively displaces moisture and dries out electrical apparatus, ignition systems, generators, motors, etc. And helps free rusted, frozen nuts and bolts. Helps relieve binding of sliding parts. Stops annoying squeaks. Inhibits pitting of injection moulding dyes, extrusion dyes and screws during storage.

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### Physical Properties

Not for specification purposes

<b>Base</b>	Mineral Oil	
<b>Colour</b>	Transparent	
<b>% Volatile</b>	0	
<b>Density (g/ml)</b>	0.86	
<b>Odour</b>	Petroleum	
<b>Flash Point</b>	>210 °C	
<b>Shelf Life</b>	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity	

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<b>Application Techniques</b>	<p>Hold container upright and pump to dispense product. Fast pump action dispenses product as a spray, whilst a slower pump action gives a jet like spray.</p> <p>For hard to reach areas, use the extension tube which fits into the sprayhead.</p>	<p>Thoroughly wet all grease, grime etc. On the surface or parts being cleaned with 3M 5-Way Plus Penetrant. Wait for a few minutes for complete penetration and loosening action. Wipe thoroughly with a clean cloth.</p>
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<b>Health &amp; Safety Information</b>	<p>May cause eye irritation. Avoid contact with eyes. Avoid prolonged or repeated contact with the skin. Use only in well ventilated areas.</p>	<p><b>First Aid:</b></p> <p><b>Eye Contact</b> - In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately. Keep out of reach of children.</p> <p><b>Skin Contact</b> - Wash with soap and water.</p>	<p>For further Health &amp; Safety Information please contact our Toxicology Department on Bracknell (01344)866275</p>
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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

**3M**

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