

Polywater® Type P7™

PENETRATING OIL



P7 protects locking mechanisms

**Multi-Functional
Penetrating Oil for
Electrical and
Industrial Use**

PRODUCT BENEFITS

- **Protects:** Extends equipment life by providing a protective film.
- **Displaces Water:** Seals out moisture and dries out ignitions.
- **Penetrates:** Loosens stuck metal parts and apparatus.
- **Safe:** Harmless to most plastics and safe on metal, paint, and rubber.
- **Non-Conductive:** Leaves a protective film that is non-conductive.

Lubricate, Safeguard, and Maintain Field Apparatus

Type P7™ Penetrating Oil is suitable for all kinds of electrical, industrial, and telecommunication uses. Type P7 works four ways: as a moisture displacer, rust preventative, lubricant, and penetrating oil. P7 eliminates the need to carry multiple products for separate tasks.



Liberally apply P7 to loosen



Nozzle precisely directs P7

polywater.com | 651-430-2270

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Loosening pole line bolts



Catalog # P7-12

One Product for Multiple Jobs

P7 Penetrating Oil is excellent for preventing electrical disruption caused by moisture penetration. P7 is ideal for pole line hardware, transformers, connectors, circuit breakers, controls, chucks, relays, communication assemblies, motors, starters, cabinets, and enclosures. P7 penetrates quickly to loosen stuck or frozen parts. Use P7 to maintain and lubricate equipment and motors. Service crews utilize P7 for maintaining substations, wind farms, solar arrays, and DOT apparatus. It displaces moisture, which is critical to restoring electrical or electronic equipment systems damaged by water ingress. Refer to our storm damage restoration procedure below for more information on the proper way to bring electrical systems back online after flooding.

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Catalog #	Package Description	Units/Case
P7-12	12 net wt. oz. (340 g)	12

SPECIFICATIONS AND APPLICATIONS:

- **Properties:** Flashpoint (ASTM D93) 100°F/38°C, Initial Boiling Point 245°F/118°C, Specific Gravity 0.69, Dielectric Strength (ASTM D877) 13 KV, USDA Approved.
- **Compatibility:** P7 Multipurpose Oil is compatible with most plastics and elastomers. Testing is based on a soak test described in ASTM D 543. P7 Oil will temporarily affect some rubber compounds, but they should return to their original state after the solvent carrier has dried. It is recommended that all plastic parts, gaskets, seals, and O-rings be tested for specific use and exposure method.
- **Water Displacement:** P7 Multipurpose Oil displaces moisture and dries out ignitions. It creeps under water and ice, dissolving and carrying away these contaminants. A non-conductive, protective film is left behind. P7 Oil displaces water according to the procedure described in Mil-Spec C-16173E. No rusting or mottling was observed on the treated surface.
- **Storm Restoration Procedure:** www.polywater.com/wp-content/uploads/pdf/LIT-STORM-DAMAGE-10-05.pdf

CONTACT US

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IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

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