



Overview

What is a penetrant?

A penetrant is a low-viscosity oil that can penetrate into narrow spaces to lubricate metal surfaces. They also have the ability to displace moisture, provide lubrication and prevent rust.

Where do penetrants work best?

A penetrant will work best on freeing rusted and corroded metal surfaces.

How do penetrants work?

Penetrants are thin liquids that have the ability to penetrate into narrow spaces such as fastener threads to provide lubrication. Penetrants are so thin that they have the ability to flow or “creep” vertically up the threads of a fastener to provide lubrication between the threads and the nut.

How long will penetrants be effective?

Penetrants will leave behind a residual oil film after being sprayed and provide short-term lubrication and rust prevention. Lubricating oils and rust preventatives are formulated with thicker oils and other additives. These products outperform penetrants in corrosive environments and heavy-duty applications that require an extreme-pressure lubricant.

When is the best time to apply a penetrant?

Obviously, most people use a penetrant when rust and corrosion have taken their toll on metals and caused parts to seize. A penetrant can also be used as a preventative measure by spraying surfaces to ease disassembly of machinery and equipment.

Features/Benefits



Open & Shut Nut and Bolt Loosener and Rust Penetrant

- Lawson’s top-performing product
- Frees rusty nuts, bolts and fittings in seconds
- Protects against rust and further corrosion
- Prevents breakage of frozen parts
- Lubricates – keeps parts moving smoothly and quietly
- Penetrates quickly through rust, grease and water to loosen frozen parts

DRUMMOND™
A LAWSON PRODUCTS BRAND



Lawson Penetrating Oil

- Frees rusty nuts, bolts and fittings
- Lubricates – keeps parts moving smoothly and quietly
- Protects against rust and further corrosion
- Prevents breakage of frozen parts

Not available in Canada.

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Features/Benefits (cont.)



BRR-Eaker Premium Rust-Breaking Penetrant

DRUMMOND™
A LAWSON PRODUCTS BRAND

- A three-step approach to breaking rust
 1. Thermal action chills and contracts the parts, breaking the rust barrier
 2. Special lubricating oils can then penetrate faster and deeper into tight-fitting areas, freeing up rust-frozen parts
 3. Rust eating agents that finish the job by dissolving corrosion, making disassembly and future maintenance easy
- Leaves a long-lasting lubricating film that restores smooth motion to moving parts and protects against future rust and corrosion
- Non-conductive – dielectric strength up to 33,000V



PB B'laster Penetrating Catalyst



- Powerful penetrating catalyst
 - Frees up and breaks loose rusty nuts and bolts
 - Lubricates and halts rust
 - Creeps up, around and into hard-to-reach areas
 - Residual lubricating film remains on parts to help prevent further rusting
- Not available in Canada



Sprayon™ LU™103 Rust Breaker® Heavy-Duty Rust Penetrant



- Quickly loosens rust
- Will not harm painted surfaces
- A penetrant, water displacer and rust inhibitor
- NSF H2 registered #115050
- Dielectric strength: 47,500 kv
- Flash point: 205°F
- Temperature range: -20°F to +550°F
- California compliant