

## Beyond Synthetic™

Maxfilm® is a high film strength, multipurpose, synthetic lubricant / penetrant that excels in plantwide maintenance related applications. Maxfilm® deeply penetrates, cleans and loosens rusted parts. Once applied, its solvent carrier evaporates and leaves a tenacious, thixotropic lubricating film on all metal surfaces, which provides long-lasting protection against wear, rust and corrosion.

Maxfilm® contains Royal Purple's proprietary Synerlec® additive technology, which is proven to make equipment run smoother, cooler, quieter, longer and more efficiently. Maxfilm® is an undyed product.

### Synerlec® additive technology makes the difference!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synerlec® additive technology that gives Royal Purple's lubricants their amazing performance advantages. Synerlec® additive technology truly is *beyond synthetic*.™

Synerlec® additive technology forms a tough, slippery, synthetic film on all metal surfaces. This proprietary film significantly improves lubrication: first, by increasing oil film thickness and second, by increasing oil film toughness, both of which help to prevent metal-to-metal contact. It displaces moisture from metal surfaces and protects all metals against rust and corrosion. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

## Maxfilm® is Recommended For:

- Loosening stuck parts such as nuts, bolts, locks, hinges, etc.
- Lubrication of power tools, hinges, chains, rollers, open gears, guns, fishing tackle, lawn equipment, etc.
- Preserving and protecting parts in storage, disassembled machinery parts, wire ropes, etc., against rust and corrosion.
- Use as a tapping fluid to facilitate the ease of hand drilling, tapping, etc. of both steel and aluminum.

## Performance Advantages:

- **Deep Penetration**  
Maxfilm® deeply penetrates to clean, lubricate and protect mechanisms or free rusted parts.
- **Superior Lubrication**  
Maxfilm® forms a strong, long lasting, non-tacky, synthetic lubricating film on all metal surfaces. It is also effective as a "tapping fluid."
- **Loosens Stuck Parts**  
Maxfilm® loosens stuck nuts, bolts, valves, locks, etc.
- **Reduces Product Usage**  
The effective and long lasting protection of Maxfilm® reduces the need for frequent reapplication.
- **Outstanding Rust / Corrosion Protection**  
In ASTM's severe salt-fog corrosion test, the 100+ hour test results for Royal Purple's Maxfilm® far exceeded those of the leading brands.
- **Environmentally Responsible**  
Maxfilm® uses a CO<sub>2</sub> propellant. All components are TSCA listed. In the event that some of the film falls to the ground after the solvent carrier has evaporated, Maxfilm® biodegrades to leave only small quantities of Calcium Carbonate and Calcium Sulfate, both of which are naturally occurring minerals.

### Typical Properties\*

Viscosity	
cSt @ 40°C	3.0
cSt @ 100°C	1.25
SSU @ 100°F	37
SSU @ 210°F	30
Flash °F	150

\*All properties are typical and may vary.