

# Lapping Compounds

## LAPPING COMPOUNDS

Brighton Laboratories enhanced product line of lapping compounds consist of an abrasive silicon carbide formulated to properly finish and polish metal surfaces to ensure precision mating of metal gear sets. Our lapping compounds were developed to suspend the dense silicon carbide at a low viscosity, are very portable and pumpable while still maintaining their integrity. As a result of this special formulation, Brighton Labs lapping compounds are stable and maintain their fluidity during the lapping cycle. Our quality formulation helps you achieve your specifications for your parts finish.

Any residual film will easily wash off at ambient temperature with most alkaline cleaners. Brighton Labs offer lapping compounds in many different silicon carbide profile sizes for specific applications.



### Applications

- Gear mating
- Metal finishing

### Brighton Laboratories

- Serving the metalworking industry for over 25 years
- Experienced technical support to solve the most complex problems
- Custom formulated products manufactured for the toughest metalworking operations
- Designed to meet or exceed industry standards and specifications
- ISO 9001:2008 Certification

### Features and Benefits

- Improves gear lapping efficiency
- Optimizes the quality of the part finish
- Minimizes gear noise of finished gear sets
- Excellent stability and long shelf life
- Maintains fluidity during lapping cycle
- Cleans in low temperature cleaners
- Stable—the products maintain their integrity
- Fine to coarse options
- Extended Shelf Life—on demand formulation ensures a longer shelf life
- Easy to clean—comes clean with a mild cleanser. Waste treatable
- Viscosity—very portable and pumpable but still maintains its integrity
- Gear Lapping Efficiency—works quickly
- Part Finish Quality—helps you achieve your specifications
- Gear Noise Minimized—eliminates vibration of finished gear sets
- Maintains Fluidity During Lapping Cycle—viscosity stays in an acceptable stability range during the lapping cycle



**CONTACT BRIGHTON LABS**  
**24 HOURS A DAY, SEVEN DAYS A WEEK**

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