



## Fluorosilicone bearing grease improves reliability of circuit breakers

*Deteriorated or inadequate lubrication is a common cause of circuit breaker failures. Electric utilities that lubricate breaker bearings with a synthetic fluorosilicone grease can help reduce failures significantly and improve overall reliability. Molykote® 3451 Chemical Resistant Bearing Grease lasts longer than other oils and greases in harsh environments. It is proven effective in preventing equipment damage, extending maintenance intervals and reducing power outages.*

Molykote® 3451 Chemical Resistant Bearing Grease is available in 85 g tubes, 550 g cartridges, and 4.5 kg and 18.1 kg pails.

Molykote® brand *Smart Lubrication*™ technology from Dow Corning is enhancing the performance and reliability of electric utility high-voltage circuit breakers. Extensive field experience shows that lubricating breaker bearings with Molykote® 3451 Chemical Resistant Bearing Grease – a synthetic fluorosilicone oil thickened with PTFE – reduces failure rates and helps avoid equipment damage and power disruptions that can have significant customer service and financial impacts.

In utility circuit-breaker maintenance strategies, Molykote® 3451 Chemical Resistant Bearing Grease provides:

- Longer lubricant life in harsh environments
- Superior wear and corrosion protection
- Reliability under heavy loads, in extreme heat and cold, and with intermittent operation
- High resistance to oxidation and drying out
- Prevention of sludge or varnish buildup

UP TO  
**20**  
YEARS

This fluorosilicone grease can help extend circuit breaker maintenance intervals up to 20 years or more and reduce problems and costs associated with slow trip times or failure to trip.



**Durable Molykote® 3451 Chemical Resistant Bearing Grease can help maintain proper trip times and avoid trip-coil burnout.**



## Your Global Connection

Dow Corning is a technology-driven solutions provider for the global oil and gas industry. Dow Corning customer service and engineering centers are strategically located in most world regions.

## How Can We Help You Today?

Tell us about your industrial assembly and maintenance challenges. Let us put our expertise, application knowledge, and processing experience to work for you.

For more information about materials and capabilities, visit [dowcorning.com/iam](http://dowcorning.com/iam) or [molykote.com](http://molykote.com).

To discuss how we could work together to meet your specific needs, email [industrial@dowcorning.com](mailto:industrial@dowcorning.com) or go to [dowcorning.com/ContactUs](http://dowcorning.com/ContactUs) for a contact close to your location.



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