

# MOLYKOTE® 3451 Chemical Resistant Bearing Grease

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 DuPont 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.



**Learn more: Contact us**

To learn more about using MOLYKOTE® 3451 Chemical Resistant Bearing Grease in electric utility high-voltage circuit breakers, contact your MOLYKOTE® technical representative or visit [molykote.com](http://molykote.com).

**MOLYKOTE®**



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