



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® 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.

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



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

MOLYKOTE®



GREASES | PASTES | OILS | COMPOUNDS | DISPERSIONS | ANTI-FRICTION COATINGS

About MOLYKOTE® Specialty Lubricants

For more than 70 years, customers around the world have trusted the MOLYKOTE® brand for performance and expertise to solve or prevent virtually any lubrication problem and to save energy. Available through a global network of more than 3,000 channel partners, MOLYKOTE® brand lubricants – which include well over 500 anti-friction coatings, compounds, dispersions, greases, oils and fluids, and pastes – serve the automotive market and industrial/maintenance, repair and overhaul (MRO) markets. To learn more about our extensive product and service offering or to locate a distributor, visit molykote.com.



Contact us

MOLYKOTE® has Contact Centers around the globe. Find the phone number for the center nearest you at www.dupont.com/molykotecontact.



MOLYKOTE®

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2015-2022 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.