



MOLYKOTE® 4 Electrical Insulating Compound eases installation of electrical cables

Lubricant application story: Cable installation

MOLYKOTE® product

MOLYKOTE® 4 Electrical Insulating Compound

Market segment

Oil & gas

Component/application

Cables

Major market

Industrial original equipment

Customer's area of concern

Customer's description of component

Downhole electrical connections and cables

Previous solution/product previously used

Copper colloidal compound

Operational parameters (LETS)

Load

Light

Environment

Chemical attack; high pressure

Temperature

-34 to 204°C

Speed

Low

Process description

The product is being used to lubricate internal components to make installation easier, as well as to fill voids and gaps in connectors to increase electrical integrity.

MOLYKOTE®

Customer's critical requirements

Problem details

The previously used product did not withstand the temperature range and was difficult to work with.

Root-cause analysis

High levels of friction on wires and cables made them difficult to install.

MOLYKOTE® Smart Lubrication™ solution selected

Our product/differentiators

MOLYKOTE® 4 Electrical Insulating Compound enhanced ease of installation by as much as 20%.

Result: Our solution

Installation of cables was extremely difficult without the MOLYKOTE® compound. Additionally, using MOLYKOTE® 4 Electrical Insulating Compound ensures connectors are electrically sound.

Learn more: Contact us

To learn more about the advantages of using MOLYKOTE® 4 Electrical Insulating Compound for cable installation – or other tough lubrication challenges – contact your MOLYKOTE® technical representative or visit molykote.com.



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.
© 2011-2020 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.