



# 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.

## 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](http://molykote.com).



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