

# Molykote P 40 Grease Paste for Components exposed to Extremes of Temperature and Corrosive Influences

“Works like a grease, benefits of a paste”



## Presenting Molykote® P 40 Grease Paste from Dow Corning.

When you have to be absolutely sure, Trust Molykote. The brand that extends your equipment life, simplifies yours.

Introducing for the **first time in India**, a grease paste designed to work in the most corrosive environments and high temperatures.

### The Product

Molykote P40 Grease Paste is a metal free assembly and lubricating paste with an evaporation-stable carrier oil and high-temperature stable solid lubricants for components exposed to extremes of temperature and corrosive influences.

Many machine components must operate under conditions that limit the effectiveness of oils and greases. Such conditions includes loads that are very high or speeds that are very slow that a hydro-dynamic film cannot be maintained (frequently the case with plain bearings and sliding surfaces), and it is precisely these kind of applications, that Molykote P 40 is designed to handle.

### The Physical Characteristics

Colour: Creamish  
WP 310-350 mm/10  
Density 1.00 g/ml  
Temperature  
As paste 230 degree  
Dry lubrication 1200 degree C  
Drop point - None  
Flash point 250 degree C  
WLN 3000 N

### Features/ Advantage/ Benefits

**F:** Metal-free  
**A:** No contact corrosion  
**B:** Avoids corrosive damage

**F:** Adhesion performance  
**A:** Product not forced out of lubricated areas  
**B:** Lubrication and maintenance intervals extended

**F:** Service temperature  
**A:** Product remains in paste form  
**B:** Continuous lubrication at higher temperatures

**F:** Lubricity performance  
**A:** Excellent for oscillating movements  
**B:** Provides protection against fretting corrosion

**F:** Anti-corrosion  
**A:** Resist corrosive environments  
**B:** No corrosion of machine components

**F:** Water resistance  
**A:** Good against water washout  
**B:** Resist splash water in steel mills



### Application Areas in Steel Mills

- Ladle trunion pins
- Tension Leveller Machine – Screws jack, slideway, threaded connections, etc
- Rolling Mill – stand threaded connections
- Slow moving high temperature bearings
- Open gears, wire ropes and chains exposed to water, humidity, heat, etc
- Threaded joints, hinges, pivots, pins, etc exposed to cooling water
- Foot Mould Rollers in CCD
- Slab/Billet/Bloom Caster Segment and Cooling Bed Bearings
- Traveling grate furnace bearings
- And many more



Coke Oven door latches are lubricated with Molykote P40



Bush bearings in foot moulds and secondary cassette cooling zone in continuous casting department were lubricated with Molykote P40. With steel mill environments of high temperatures and cooling water, P40 is an ideal product for many applications.