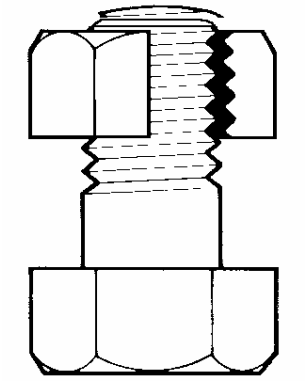
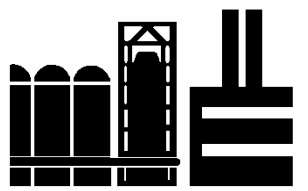
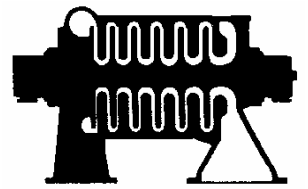
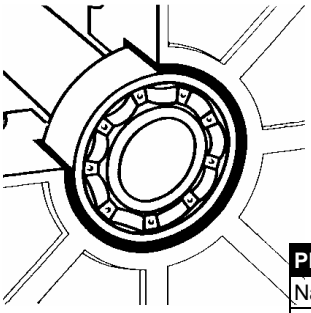
# MOLYDUVAL
# Ciric B 271

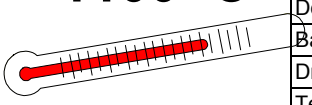








1100ºC



-40ºC

## High Temperature Metal Compound

MOLYDUVAL Ciric B 271 is a copper-based anti-seize lubricant suspending copper and graphite in a high-quality grease. It is suitable for high temperature lubrication of screws and sliding parts. The high content of solid lubricants, mainly metal powders, reduces friction to a minimum, loosing after long periods is possible, and it protects parts from rusting, corroding, galling and seizing in conditions up to 2,000° F.

### Characteristics

- very good sealing properties, tacky, water resistant
- very good lubrication and parting properties
- prevents seizing and rusting
- very low coefficient of friction
- good sealing properties against corrosive gases and liquids
- good heat transfer
- free of sulphur
- free of lead and nickel, good for replacing nickel- containing lubrication pastes

### Applications

- for hot screw connections, f.e. at turbines, exhausts, gears, ventiles, chains, sliding faces and axles, which are f.e. in petrochemical, power plants
- for high temperature lubrication of sliding bearings. The mineral base fluid evaporates at high temperatures, a very good lubricating solid film remains.
- at assembly and disassembly, if seizing at high pressures and slow speeds should be prevented
- for steam turbine fittings, high-temperature compressor heads, crane assemblies and cast molding equipment.

### How To Use

Apply Ciric B 271 thin and even with brush, pencil or rag on the cleaned surfaces. Also available in cans with brush and in spray form.

| PROPERTIES | Specification | Unit | |
|---|---|---|---|
| Name | DIN 51502 | | MLPF1U-40 & MPF1U-40 |
| Base Oil | | | Mineral + Synthetic Oil |
| Color | | | copper |
| NLGI | | Grade | 0-1 |
| Worked Penetration | | • 0,1 mm | 320-360 |
| Density at 15ºC | SEB 181301 | kg/m³ | 1300 |
| Base Oil Viscosity, 40ºC | DIN 51562 | mm²/s | 100 |
| Dropping point | DIN ISO 2176 | ºC | without |
| Temperature range | | ºC | -40 up to +1100 |
| VKA-Schweißkraft | DIN 51350 T4 | N | 4500 |
| AWM Value | | kN | > 20 |
| Water resistance | DIN 51807 T1 | Grade | 0-90 |