

# MOLYDUVAL

## Ciric LM 1 CK



### High Temperature Metal-Compound

A special paste for the maximum temperature lubrication of bolt connections and sliding surfaces. fixed burning and fixed rusting is prevented reliably also under difficult site conditions. A high portion of fixed lubricants, predominantly metallic powders, provides e.g. with bolt connections for favorable thread friction values and for a high separation efficiency

#### Properties

- \* good anticorrosive properties
- \* exceptional lubricating and separating properties
- \* prevents seizure and rust
- \* good sealing properties against corrosive gases and fluids
- \* free of sulfure
- \* free of lead and nickel
- \* good water resistance
- \* good heat deduction
- \* low friction coefficient
- \* contains copper

#### Applications

- \* for preparation of packings
- \* for hot screw connections at turbines, exhausts, cogwheels, valves, chains, slidings, waves
- \* for wheel bearings of trolleys in drying chambers, for example in brickyards, pottery and porcelain factories
- \* for slidings, guidelines, joints at slow moves and high pressures
- \* for tool and workpiece lubrication in hot metal forming like forging or moulding
- \* for bolts on brake systems, brake cams and back supports
- \* for bearings at calenders
- \* as release agent in high temperature range
- \* for pump seals in case of chlorine, gasoline, or other corrosive liquids
- \* for brake pad back sides at disk brakes
- \* for hot screws, nuts, locks, at extreme high temperatures
- \* for sliding surfaces in foundries, steel plants, galls production

#### Technical Datas

Color		copper
Name		MPF1U-20
Base Fluid		Syn
Density 15°C	kg/m <sup>3</sup>	1170
Water Resistance static	Grade	0-90
Temperature Range	°C	-20 -> +1200
Dropping Point	°C	no

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.*

For further information, please see our website [www.molyduval.com](http://www.molyduval.com) or consult your local representative.

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence.