

# MOLYDUVAL

## Ciric BE 20 AL



### High Temperature Metal-Compound

A special very soft paste for lubrication of bolt connections and sliding surfaces at highest temperatures. Burning, seizing and rusting is prevented even under difficult conditions. A high portion of solid lubricants, predominantly metallic powders as aluminium, provides connections from seizure and increases separation efficiency. This paste is based on a biodegradable base fluid and is therefore suitable for sensitive areas like dockyards, open-cast mining.

#### Properties

- \* good anticorrosive properties
- \* exceptional lubricating and separating properties
- \* prevents seizure and rust
- \* free from mineral oil
- \* biodegradable
- \* free of chlorine
- \* good sealing properties against corrosive gases and fluids
- \* free of lead and nickel
- \* good water resistance
- \* good heat deduction
- \* no resin forming
- \* low friction coefficient
- \* low residue forming

#### Applications

- \* for hot screw connections at turbines, exhausts, cogwheels, valves, chains, slidings, waves
- \* for slidings, guidelines, joints at slow moves and high pressures
- \* 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 hot screws, nuts, locks, at extreme high temperatures
- \* for sliding surfaces in foundries, steel plants, galls production

#### Technical Datas

Color		silver
Consistency Class NLGI	0,1 mm	ca. 00
Name		MPF00-40
Base Fluid		Ester
Thickener		Bentone
Name		ISO-L-XDGEB00
Density 15°C	kg/m <sup>3</sup>	1130
Viscosity Base Fluid, 40°C	mm <sup>2</sup> /s	46
Temperature Range	°C	-40 -> +1200
Dropping Point	°C	no
Viscosity Index Base Fluid	--	185
Pour point Base Fluid	°C	-54
Biodegradability Base Fluid	%	> 70

*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.