

# MOLYDUVAL

## Carat LG 1 T



### Light Colored Lubrication Paste

Light colored general-purpose lubrication paste for tighteners and sliding connections. A thin, very pressure-steady and solid lubricant containing film, which ensures a continuous power and working reliability, the danger of sliding and fretting corrosion is reduced and it protects against corrosion and wear. Apart from excellent stability against warm and cold water, cooling and cutting lubricants, this lubrication paste offers a good protection against tribocorrosion and wear caused by oscillation. It can increase the lifetime of clamping connections.

### Properties

- \* good anticorrosive properties
- \* reduces risk of tribo corrosion
- \* reduces wear and friction
- \* reduces risk of Stick-Slip-effect
- \* strong tackiness
- \* free of lead and nickel
- \* reduces anti seizing
- \* harmless
- \* relative good compatible with EPDM and rubber, please check compatibility before use
- \* Lubricants based on polyglycols are not compatible with some currently used seals, paints and plastics. Please contact us for further information.

### Applications

- \* for slidings, guidelines, joints at slow moves and high pressures
- \* for spindles
- \* for assembly of wave-hub-connections, makes disassembly possible even after long working times
- \* for screw and nut connection at aggressive conditions, acids or alkali solvents.
- \* for high loaded sleeve - and anti-friction bearings especially at extreme pressures, oscillating moves
- \* for jaw chucks at tool machines

### Technical Datas

Color		beige
Consistency Class NLGI		1
Base Fluid		PG
Name		ISO-L-XCDAB1
Density 15°C	kg/m <sup>3</sup>	1230
Temperature Range	°C	-30 -> +150
Temperature Range solid lubrication	°C	250
Wear Protection VKA welding load	N	4500
Dropping Point	°C	170

*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.