

# MOLYDUVAL

## Soraja BA 1 LV



### Food Grade Grease

A light colour low temperature grease for normal loaded bearings in food industry. Because of its non soap thickener it offers extremely good water resistance. The low viscosity synthetic base fluid making it suitable for very low temperatures. It may be used for many applications in food industry, all components conform to the regulations of USDA H1.

#### Properties

- \* good anticorrosive properties
- \* reduces risk of tribo corrosion
- \* strong tackiness
- \* extreme frost resistant
- \* soft and smooth
- \* relative good compatible with elastomers and seals
- \* Food grade, i.e. the product fulfills the requirements for an H1 lubricant for use in the food industry
- \* very good water resistance

#### Applications

- \* for fittings, for example cocks and plugs
- \* for anti-friction and sleeve bearings at low or changing temperatures
- \* for hinges, joints, rails, guidelines
- \* for anti-friction or sleeve bearings in cooling equipment
- \* for small gear units in medicinal or pharmaceutical equipment

#### Technical Datas

|                                 |                    |              |
|---------------------------------|--------------------|--------------|
| Color                           |                    | beige        |
| Consistency Class NLGI          |                    | 1            |
| Name                            |                    | KHC1R-50     |
| Base Fluid                      |                    | PAO          |
| Name                            |                    | ISO-L-XEEIA1 |
| Density 20°C                    | kg/m <sup>3</sup>  | 820          |
| Viscosity Base Fluid, 40°C      | mm <sup>2</sup> /s | 32           |
| Temperature Range               | °C                 | -50 -> +160  |
| Temperature Range shortly up to | °C                 | 170          |
| 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.