

# MOLYDUVAL

## Soraja AKM 20



### Grease for Lubrication Systems in Food Processing Facility

A very water-resistant rolling bearing and gear lubrication grease for the food industry. Contains anti-oxidation additives that prevent the aging of the grease even at high temperatures, and anti-corrosive additives that protect bearings and metal surfaces against rust and corrosion during heavy humidity or steam. Has excellent water resistance, also against fruit and vegetable juices, and good sealing properties. The aluminum complex thickener also ensures good high temperature stability.

#### Characteristics

- very good corrosion protection
- free of silicones
- good resistant against cold and hot water, even sea water
- excellent wear protection
- Food grade, conforms to the NSF H1 regulations for use in Food Industry
- harmless
- very good water resistance
- tasteless
- good tackiness
- odor less
- withstands many alcohols and acids
- good resistant against washing off
- good resistant against cold and hot water, even sea water

#### Applications

- for gear boxes in food industry
- for assembly of O-rings
- for anti-friction and sleeve bearings at high temperatures, in ovens, ventilators, engines
- for bearings in refrigeration equipment
- for chains in food industry, for packing and filling machines
- for slide bars in butcheries or slaughterhouses
- as corrosion preservative
- for anti-friction and sleeve bearings in fish production
- for hooks, sleeve elements, rolls, joints, clutches

#### Technical Datas

Color		white
Base Fluid		White Oil
Name		ISO-L-XBD1B00
Name		KP00N-20
Consistency Class NLGI		00
Viscosity Class Base Fluid	ISO-VG	150
Density 15°C	kg/m <sup>3</sup>	980
Temperature Range	°C	-20 -> +150
Temperature Range shortly up to	°C	180
Oxidation resistance	kPa	< 35
Dropping Point	°C	ca. 250
Water Resistance Static	Grade	0
Corrosion Protection Emcor distilled water	Grade	0
Halal		meets (*)
No Allergene		meets (*)
NSF H1		meets (*)
Pack Size round box 1 kg		+

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### Technical Datas

Pack Size pail 18 kg

+

Pack Size drum 180 kg

+

*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.*

*(\*) We do not have a direct approval. The product is manufactured solely in accordance with the approval. Therefore, compliance with the parameters specified in the approval cannot be guaranteed.*



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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. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 14.05.2025