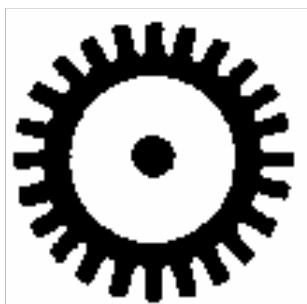
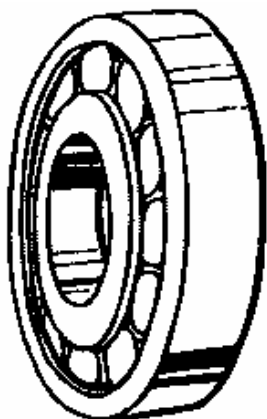
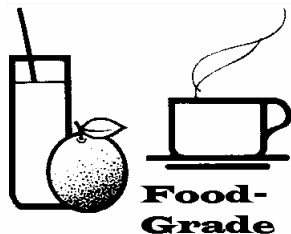
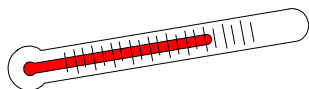


# MOLYDUVAL

## Soraja C 302



120°C



-25°C

### High Performance Food Grade Grease

MOLYDUVAL Soraja C 302 is virtually odourless, colourless, and tasteless lubrication grease. It is made with a white mineral oil and an anhydrous calcium soap thickener. Extreme care is taken throughout the manufacture to protect its purity. If any incidental contact with food occurs, the grease will not affect the colour, odour, or taste of the product.

**USDA H-1 Approval** - MOLYDUVAL Soraja C 302 is acceptable by the U.S. Department of Agriculture for the processing machinery in federally inspected meat and poultry processing plants. Its ingredients meet the requirements of 21 CFR 178.3570.

MOLYDUVAL Soraja C 302 is manufactured with food-grade white mineral oil and contains an FDA approved oxidation inhibitor which gives the greases high stability against chemical changes. It also contains an FDA-approved rust inhibitor. It protects bearings subjected to wet conditions (e.g., high humidity, water washing, steam, etc.). It also protects during periods of machine idleness. It resists water washout and provides a seal for the bearing against the entrance of water, or fruit and vegetable juices. Because it is compatible with beverages and food juices, it maintains its consistency. And because it is shear-stable, it also maintains its consistency when it is severely worked in the bearing.

For best results, the application temperature range of Soraja C 302 should be -25°C to 110°C.

#### Characteristics

- H-1 Approval for Use Where Incidental Contact with Food May Occur
- Meet FDA Requirements, 21 CFR 178.3570
- Multipurpose
- Oxidation and Rust Protection
- Available also in 1 and 0 consistency grades
- packaged in food-grade containers.
- very tacky, adhesive
- free from mineral oil
- not toxic
- extremely resistant against cold and hot water
- also resistant against alcohol and acids
- high thermal stability, high VI of carrier
- silicone free
- very long lubrication intervals because of best oxidation resistance

#### Applications

For more information call +90 2102 9757-28 or contact us at <http://www.molyduval.com> αβγδε

The technical information in this technical data sheet represents our present knowledge.

Because of complexity of tribological systems it does not form part of any sales contract as guaranteed properties of the delivered material.

# MOLYDUVAL

## Soraja C 302

- multipurpose and can be used for all grease applications in a food processing plant where non-EP, multipurpose greases are suitable
- for use wherever food and feed products may be subjected to incidental contact with the lubricant. FDA regulation requires that food handling equipment be operated with good manufacturing practices to keep the amount of lubricant in the food below 10 ppm.
- will satisfactorily lubricate most machinery and equipment used in producing, manufacturing, packaging, processing, preparing, treating, transporting, or holding food.
- suitable for plain and anti-friction bearings, slides, guides, and other moving parts.
- can also be used where no contact with the food is expected. In most cases, grease of unknown or questionable purity can be eliminated.
- for lubrication and sealing of cocks and seals, even for lubrication of cocks in breweries
- for bars in butcheries and slaughterhouses
- for all grease lubricated machinery in canneries, beverage bottlers and canners, potato/corn chip processors, candy manufacturers, meat and poultry packers, frozen food processors, and other food producers and processors. They are specifically recommended for critical applications where there is a possibility of the lubricant becoming an incidental or accidental food ingredient.

### How To Use

Apply with press or automatic lubrication system. Clean the bearings. Fill them with MOLYDUVAL Soraja C 302 up to the half, high speed bearings up to a third. Very slow bearings fill up completely. Don't mix with greases based on other thickeners.

Properties	Specification	Unit	
Name	DIN 51502		K2K-25
Base Oil			Synthetic Oil
Thickener			Calcium
Color			beige
Density at 15°C	SEB 181301	kg/m <sup>3</sup>	910
Penetration, worked	DIN ISO 2137	·0,1mm	265-295
Consistency class NLGI	DIN 51818	NLGI	2
Dropping point	DIN ISO 2176	°C	145
Temperature range		°C	-25 up to +120
Corrosive prevention	DIN 51802	Grade	0/0
Oxidation Resistance 100h/99C	DIN 51808	bar	< 0,35

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