

Technical Data Sheet

KRONES celerol L 7001

Description and fields of application

KRONES celerol L7001 is a fully synthetic special grease on the basis of silicone oil and PTFE for the lubrication of product and media manifolds in KRONES bottling lines.

KRONES celerol L7001 is NSF H1 registered thus meeting strict requirements of the "Guidelines of sec. 21 CFR §178.3570 of FDA regulation". Therefore it is suitable for applications in the food industry where incidental contact of the lubricant with the product cannot be fully excluded. In addition, KRONES celerol L7001 meets the criteria of the certified enviro sustainability program.

Among others, its declared strengths are:

- Superb stability with respect to superheated steam, cold and hot water as well as disinfectants and cleaning agents
- No adverse effects respecting foam formation and the flavour development of beer
- Outstanding compatibility with respect to EPDM sealants
- Additional certification according to NSF/ANSI Standard 61

Technical Data

Baseoil:	Silicone oil
Thickener:	PTFE
Colour:	White
Structure:	Homogeneous
Odour:	Characteristic
Density at 15°C; DIN 51757:	Approx. 1.3 g/cm ³
Kinematic viscosity at 40°C; ISO 3104:	1000 mm ² /s
Kinematic viscosity at 100°C; ISO 3104:	360 mm ² /s
Worked penetration at 25°C; 0.1 mm; DIN/ISO 2137:	220 – 250
NLGI grade; DIN 51818:	3
Lower service temperature:	-50°C
Upper service temperature:	+150°C
NSF H1 registration:	144515

Data on usage temperature are guide values which are based on the lubricant structure, the defined purpose of use, and the application technology. Depending on the type of mechanical strain, on temperature, pressure and time, greases change their consistency, apparent viscosity or viscosity. This change of product feature can affect the functions of components. All data are average values. The usual tolerances are valid.

Minimum shelf life

The minimum shelf life is approx. 36 months if the unopened packs are stored in a dry and frost-free place from the date of production.

Material safety data sheet

The current material safety data sheets can be requested at KIC KRONES at any time.

Disposal note

Lubricants and empty packs are to be disposed of via authorized collection points. Lubricants must not reach the environment.

The contents of this product information are based on our general experience and to the best of our knowledge at the time of printing. The product information should provide hints for possible applications to the technically experienced reader. However, the product information is not intended to guarantee any properties of the described product, nor the suitability of the product for individual applications. It does not release the user from testing the selected product prior to application. We recommend individual consultation and are happy to provide samples on request, if possible. KRONES celerol products are continuously developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.