

Technical data sheet

KRONES celerol L 7008

Description and applications

KRONES celerol L7008 is a fully synthetic special grease on the basis of silicone oil and calcium soap for the lubrication of product and media manifolds in KRONES bottling lines. KRONES celerol L7008 is listed in NSF H1 and it thus meets the strict requirements of the "Guidelines of sec. 21 CFR §178.3570 of the FDA regulations". It is suited for applications in the food industry where unintentional contact of the lubricant with the product cannot be fully ruled out. KRONES celerol L7008 meets the criteria of the certified sustainability programme enviro. Its strong points are, among other things:

- Very low dependency on temperature
- Excellent resistance to hot steam, cold and hot water, as well as disinfectants and cleaning agents
- No effect on foaming and taste evolution of beer
- Neutral behaviour towards EPDM and NBR sealing material
- Additional certification according to NSF/ANSI Standard 61

Technical data

Base stock:	silicone oil
Thickener:	calcium soap
Colour:	beige
Structure:	homogenous
Smell:	characteristic
Density at 20 °C	approx. 0.97 g/cm ³
Kinematic viscosity of the base stock at 40 °C; ISO 3104:	3800 mm ² /s
Kinematic viscosity of the base stock at 100 °C; ISO 3104:	1600 mm ² /s
Worked penetration at 25 °C; 0.1 mm; DIN/ISO 2137:	295 – 325
NLGI class; DIN 51818:	1-2
Minimum service temperature:	-40 °C
Maximum service temperature:	+140 °C
NSF H1 registration number:	152025

Service temperature indications are guide values that are oriented on the composition of the lubricant, the intended use and the application technology. Depending on the mechanical and dynamic strain, and on the temperature, pressure and time, lubricants change their consistency, their apparent viscosity, as well as their viscosity. Those changes of the product features may affect the function of components. All indications are average values to which the usual tolerances apply.

Minimum shelf life

If stored in a dry, frost-protected place and in unopened packs: approx. 36 months after production date

Safety data sheets

You can request the current safety data sheets from KIC KRONES any time.

Note on disposal

Lubricants and empty containers must be disposed of at authorised collecting points. Lubricants must not come into contact with the environment.

The indications of this product information are based on our general experience and knowledge at the time of printing. They are intended to give the experienced reader references for possible applications. However, the product information does not contain any assurance of properties or guarantee of the suitability of the product for individual cases. They do not exempt the user from previously testing the application of the selected product during a trial. We recommend individual consultation, and we will gladly provide samples for tests upon request and as far as possible. KRONES celerol products are permanently developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.