

Technical Data Sheet

KRONES celerol LU 7610

Description and fields of application

KRONES celerol LU 7610 is an automatic, electrochemical driven lubricator unit.

KRONES celerol LU 7610 is filled with a high-performance grease for machinery used in food production or clean room environments. This grease is characterised by its high water resistance and its outstanding adhesion.

This special grease is NSF H1 registered and it thus meets the strict requirements of the "Guidelines of sec. 21 CFR §178.3570 of the FDA regulations". Therefore it is suitable for applications in the food industry where unintentional contact of the lubricant with the product cannot be fully excluded.

Among others, the proven strengths of the KRONES celerol lubricators are:

- Constant fill level monitoring due to the transparent housing
- Reliable and continuous supply of lubricant even at lubrication points that are difficult to access
- Ease of use due to its uncomplicated method of operation
- Low maintenance, installation and acquisition costs



Technical data of the lubricator unit

Drive:	Electrochemical reaction
Housing:	Plastic
Discharge period:	3 months (@ 20 °C)
Lubricant volume:	120 cm ³
Operating temperature:	0 to +40°C
Pressure build-up:	max. 4 bar

Technical Data of the lubricant

Baseoil:	Synthetic oil
Thickener:	Calciumsulfonate
Colour:	Light brown
Structure:	Homogeneous
Odour:	Odourless
Density at 20°C; DIN 51757:	approx. 0.97 g/cm ³
Kinematic viscosity at 40°C; ISO 3104:	400 mm ² /s
Kinematic viscosity at 100°C; ISO 3104:	30 mm ² /s
Worked penetration at 25°C; 0.1 mm; DIN/ISO 2137:	280 – 295
NLGI grade; DIN 51818:	2
Lower service temperature:	-30°C
Upper service temperature:	+180°C
NSF H1 registration:	146691

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. 24 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 celero products are continuously developed. We therefore reserve the right to change all technical data of this brochure at any time without notice.