

Technical data sheet

KRONES celerol LU 7651

Description and applications

KRONES celerol LU 7651 is a lubricant cartridge for the electromechanical single point lubrication system "PERMA STAR".

KRONES celerol LU 7651 is filled with the special grease *KRONES celerol L 7003*. This is a semi-synthetic high-performance grease on the basis of poly-alpha-olefin with mineral oil content. The combination of calcium complex soaps and polymers facilitates good transport properties in central lubrication systems and superb adhesion.

KRONES celerol L 7003 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 thereby suited to applications in food processing facilities where unintentional contact of the lubricant with the product cannot be fully excluded. *KRONES celerol L 7003* fulfils the criteria of the certified sustainability program enviro.

Among others, its proven strong points are:

- Transportability in central lubrication systems
- Excellent protection against corrosion and wear
- High-tech adhesion promoters prevent spinning off even in the event of fast movements.
- Good oxidation stability and water resistance



Technical data

Base oil:	poly-alpha-olefin
Thickener:	calcium complex soap
Colour:	beige
Structure:	homogeneous
Smell:	characteristic
Density at 15°C; ISO 12185:	approx. 0.98 g/cm ³
Kinematic viscosity of the base oil at 40°C; ISO 3104:	280 mm ² /s
Kinematic viscosity of the base oil at 100°C; ISO 3104:	30 mm ² /s
Worked penetration at 25°C; 0.1 mm; DIN/ISO 2137:	310 – 340
NLGI class; DIN 51818:	1
Minimum service temperature:	-35°C
Maximum service temperature:	+120°C
NSF H1 registration number:	144516

Service temperature indications are reference 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. These changes of the product characteristics may affect the function of components. All the specifications are average values. The usual tolerances apply.

Minimum shelf life

If stored in a dry, frost-protected area and in original packing, the minimum shelf life amounts to approx. 24 months after the production date.

Safety data sheets

You can request the current safety data sheets from KIC KRONES at 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 specifications of this product information are based on our general experience and knowledge at the time of printing. They are intended to provide the experienced reader with 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. The information does not exempt the user from previously testing the application of the selected product in a trial. We recommend individual consultation, and we will gladly provide samples for tests upon request and as far as possible. KRONES celerol products undergo continual further development. We therefore reserve the right to change all the technical data of this brochure at any time without notice.