

## Technical Data Sheet

# KRONES celerol SP 7401

### Description and fields of application

KRONES celerol SP 7401 is a fully synthetic high-performance lubrication grease based on polyalphaolefin and calcium sulfonate complex soap. Thanks to its high-quality components it can be used very versatile for lubrication of roller bearings and plain bearings, spindles, joints, guides and chains. KRONES celerol SP 7401 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 SP 7401 meets the criteria of the certified enviro sustainability program.

Among others, its declared strengths are:

- Excellent high-pressure properties
- High stability against oxidation, ageing and water
- First-class corrosion protection
- Extraordinary wide operative temperature-range due to high thermal stability
- Very easy to handle.



### Technical Data

Baseoil:	Polyalphaolefin
Thickener:	Calcium sulfonate complex soap
Colour:	Yellowish brown
Structure:	Homogeneous, paste-like
Odour:	Odourless
Density at 20°C; DIN 51757:	approx. 0.85 g/cm <sup>3</sup>
Kinematic viscosity at 40°C; DIN 51562:	approx. 46 mm <sup>2</sup> /s
Kinematic viscosity at 100°C; DIN 51562:	approx. 8 mm <sup>2</sup> /s
Worked penetration at 25°C; 0.1 mm; DIN/ISO 2137:	265 – 295
NLGI grade; DIN 51818:	2
Lower service temperature:	-40°C
Upper service temperature:	+165°C
NSF H1 registration:	146377

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 and refer to the basic material before adding solvents or propellant gas. 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.

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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.