

Technical Data Sheet

KRONES celerol FL 10

Description and fields of application

KRONES celerol FL10 is a fully synthetic penetrating and cleaning oil on the basis of polyalphaolefin. Due to its very slight kinematic viscosity, it is suitable for the lubrication of pneumatic valves in air service units, but also for the cleaning and maintenance of surfaces and for the loosening of parts which have become stuck and rendering them freely movable.

KRONES celerol FL10 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 FL10 meets the criteria of the certified enviro sustainability program.

Among others, its declared strengths are:

- Swift penetration in tolerances and the loosening of stuck parts by means of capillary and surface activity
- Very good cleaning and preservation characteristics
- Excellently suited to use as a dewatering fluid
- No formation of residues because it is free of acids and resins

Technical Data

Baseoil:	Polyalphaolefin
Colour:	Colourless, clear
Odour:	Characteristic
Density at 15°C; DIN 51757:	approx. 0.8 g/cm ³
Kinematic viscosity at 20°C; DIN 51562:	approx. 4 mm ² /s
Kinematic viscosity at 40°C; DIN51562:	approx. 1 mm ² /s*
Flash point; ISO 2719:	> +63°C
NSF H1 registration:	141523

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. 60 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.