

## Technical Data Sheet

# KRONES celerol FL 7212

### Description and fields of application

KRONES celerol FL 7212 is a fully synthetic gear oil on a polyglycol basis. Thanks to its additives and synthetic polyglycol base oil it stands out for their excellent ageing and oxidation resistance, good viscosity-temperature behaviour and very good thermal stability.

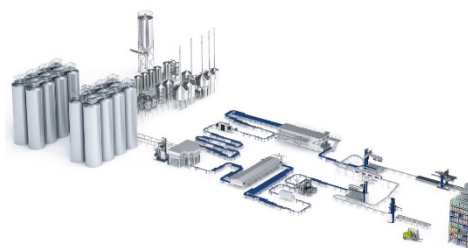
The polyglycol base oil and special additives reduce the friction coefficient and provide low wear values.

KRONES celerol 7212 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 7212 meets the criteria of the certified enviro sustainability program.

Among others, its declared strengths are:

- Good wear protection prevents premature rolling bearing failure
- Much longer service life than mineral oils due to the excellent ageing and oxidation resistance of the base oil
- The optimum friction behaviour of the polyglycol base oil reduces power losses and improves efficiency.
- Offers a much longer service life than mineral oils due to the excellent ageing and oxidation resistance of the selected raw materials



### Technical Data

Baseoil:	polyglycol basis
CLP classification acc. to DIN 51502 and DIN 51517-3:	CLP PG 460
Odour:	Odourless
Density at 15°C; DIN 51757:	approx. 1.07 g/cm <sup>3</sup>
Kinematic viscosity at 40°C; ISO 3104:	approx. 460 mm <sup>2</sup> /s
Kinematic viscosity at 100°C; ISO 3104:	approx. 78 mm <sup>2</sup> /s
Viscosity index; ISO 2909:	>=240
Lower service temperature:	-30°C
Upper service temperature:	+160°C
NSF H1 registration:	159172

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.

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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.