

UNIGEAR LA 02

Gear grease



Description

UNIGEAR LA 02 is a gear grease based on mineral oil for a wide service temperature range. The grease offers excellent wear protection.

Application

UNIGEAR LA 02 is used for the lubrication of open and enclosed gears with steel/steel material pairings.

Application notes

The maximum peripheral speed of 2 m/s should not be exceeded.

UNIGEAR LA 02 can be applied by means of brush, spatula or suitable metering devices.

Compatibility of UNIGEAR LA 02 with lubricating greases based on other thickeners than lithium soap has to be checked.

Service temperature range

UNIGEAR LA 02 covers a service temperature range* from – 35 to 120 °C

Minimum shelf life

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

Pack sizes

1 kg can
25 kg bucket

UNIGEAR LA 02

- Good adhesion
- Good wear protection
- Wide service temperature range*

Product data

Thickener	lithium soap
Color	yellow-brown
Texture	homogeneous
Drop point, DIN ISO 2176, [°C]	> 180
Consistency grade, DIN 51818, NLGI	2
Worked penetration, DIN ISO 2137, [0.1 mm]	265 to 295
Apparent dynamic viscosity, Klüber viscosity grade**	M
Four ball wear test/welding force (VKA), DIN 51350-04 [N]	> 2500

* Service temperatures are guide values which depend on the lubricant's composition, the intended use and the application method. Lubricants change their consistency, apparent dynamic viscosity or viscosity depending on the mechanical loads, time, pressure and temperature. These changes in product characteristics may affect the function of a component.

** Klüber viscosity grades: EL = extra light lubricating grease; L = light lubricating grease; M = medium lubricating grease; S = heavy lubricating grease; ES = extra heavy lubricating grease

The data in this product information is based on our general experience and knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our Technical Consulting Staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this product information at any time without notice.



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